

**SANITATION, INC. LANDFILL
LEWISTOWN, MONTANA
JUNE 2007 GROUNDWATER SAMPLING REPORT**

Prepared for:
Barry Damschen Consulting, LLC

Prepared by:
Hydrometrics, Inc. 
Consulting Scientists & Engineers
3020 Bozeman Avenue
Helena, MT 59601

September 2007

RECEIVED

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BARRY DAMSCHEN CONSULTING, LLC

Engineering • Solid Waste Management • Grant Administration

September 10, 2007

Mary Louise Hendrickson
Solid Waste Program
Department of Environmental Quality
P.O. Box 200901
Helena, MT 59620-0901

Dear Mary Louise:

Please find enclosed our copy of the groundwater results for the Spring, 2007 sampling at the Sanitation Inc. landfill. The samples were collected on June 15, 2007. As per the agreement reached between your Department and my client, we are now sampling three wells on an annual basis. As indicated in the attached report, there does not appear to be any significant changes in the quality of the groundwater from the last sampling event.

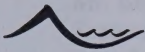
If you have any questions, please do not hesitate to call me.

Very truly yours,
BARRY DAMSCHEN CONSULTING, LLC

Barry E. Damschen, P.E.
Project Manager

Enclosure

cc: Sanitation, Inc.



September 12, 2007

Mr. Barry Damschen, P.E.
Barry Damschen Consulting, LLC
5531 York Road
Helena, MT 59602

RE: June 2007 Groundwater Monitoring Results
Sanitation, Inc. Landfill, Lewistown, MT

Dear Barry,

Hydrometrics, under contract to Barry Damschen Consulting, LLC, has prepared this letter report to transmit the results of the June 2007 groundwater monitoring at the Sanitation, Inc. Landfill in Lewistown, Montana. Sampling activities were conducted on June 15, 2007.

Groundwater Flow Results

Monitoring locations for the Sanitation, Inc. landfill are shown on Figure 1. Static water levels were collected at monitoring wells SIMW-2, SIMW-3, and SIMW-4, and at piezometers SIP-1 and SIP-2 during the June 2007 monitoring event. The general shallow groundwater flow direction at the site is to the north, with water level depths ranging from about 25 to 50 feet below the wellhead measuring point (Table 1). Compared with the most recent water level measurements collected in November 2005, the June 2007 groundwater elevations showed increases ranging from 1.63 feet at SIP-1 to 16.02 feet at SIMW-4. Typically, seasonal water level fluctuations are largest at well SIMW-4, presumably due to influence from the nearby detention pond (Figure 1).

The estimated hydraulic gradient in the area near wells SIMW-3 and SIMW-4 is 0.12, determined from the potentiometric isocontours on Figure 1. The groundwater seepage velocity near well SIMW-3 can be estimated with previously determined (Entranco, 2002) values for aquifer porosity (estimated at 0.35), and hydraulic conductivity (9.2 ft/day), using the formula $V_s = KI/n_e$ where V_s = seepage velocity (ft/day); K = hydraulic conductivity (ft/day); I = hydraulic gradient (dimensionless); and n_e = porosity (dimensionless).

Using the values cited above, the estimated groundwater seepage velocity near well SIMW-3 for June 2007 is 3.2 ft/day, similar to previously calculated results.

Groundwater Quality Results

Water quality samples were collected from wells SIMW-2, SIMW-3, and SIMW-4 by bailing. Well SIMW-1 has recently been removed from the site monitoring program, so no sample or water level was collected at this well. Quality control (QC) samples included a field duplicate (collected at SIMW-4), a trip blank, and standard internal laboratory QC samples. Samples were submitted to Energy Laboratories in Helena, Montana for analysis of Solid Waste Table 1 inorganic parameters and volatile organic compounds (VOCs). Field sampling notes and laboratory analytical reports are in Attachment 1.

Results for selected inorganic and organic parameters are summarized in Table 2a for SIMW-2, Table 2b

for SIMW-3, and Table 2c for SIMW-4, along with summary statistics for the data period August 1995 through June 2007. For comparison, applicable WQB-7 groundwater standards are also shown in Tables 2a-2c. As shown in these tables, two parameters (nitrate + nitrite at well SIMW-3 and dissolved iron at well SIMW-4) exceeded the relevant WQB-7 groundwater standard for the June 2007 monitoring event.

Organic Parameters

Wells SIMW-2, SIMW-3, and SIMW-4 each had a number of low-level VOC parameters reported in the June 2007 sample, with the majority qualified 'J' as present, but below the laboratory reporting limit:

Site	6/07 VOCs Reported (µg/L)
SIMW-2	dichlorodifluoromethane (0.23 J)
	1,1-dichloroethane (0.23 J)
	1,1,1-trichloroethane (0.64 J)
	trichlorofluoromethane (0.22 J)
SIMW-3	dichlorodifluoromethane (0.38 J)
	1,1,1-trichloroethane (0.61 J)
	trichlorofluoromethane (1.0)
SIMW-4	acetone (12 J)*
	benzene (0.34 J)*
	1,4-dichlorobenzene (0.43 J)
	cis-1,2-dichloroethene (0.82 J)*
	ethylbenzene (0.48 J)
	methyl ethyl ketone (11 J)
	toluene (1.2)
	m+p xylenes (0.80 J)*
	o-xylene (0.42 J)*

*Also reported in 6/06 groundwater sample from SIMW-4 at similar concentrations.

The halogenated compound results for wells SIMW-2 and SIMW-3 are similar to previously observed values (Tables 2a and 2b). Some of the petroleum- and solvent-type constituents at SIMW-4 were also reported in the June 2006 sample from this well. Compounds reported in 2007 that were not also reported at SIMW-4 in June 2006 include 1,4-dichlorobenzene, ethylbenzene, methyl ethyl ketone, and toluene. As noted previously, the water level at well SIMW-4 appears to be influenced by water levels in the nearby detention pond (Figure 1); thus, water quality at this well may also be influenced by the quality of water present in the pond. In addition, the proximity of the well to the landfill waste increases the likelihood of observed impacts. It may be prudent in the future to collect an additional water quality sample from the detention pond during groundwater monitoring events when there is water present in the pond to evaluate potential impacts to groundwater.

Inorganic Parameters

Overall, inorganic parameter concentrations in June 2007 were very similar to previous data. Nitrate + nitrite concentrations increased slightly at well SIMW-3 from 10.6 mg/L in June 2006 to 11.0 mg/L in June 2007. Low concentrations of dissolved zinc were reported at well SIMW-2 (0.03 mg/L) and SIMW-4 (0.01 mg/L). Chloride, sulfate and specific conductance increased slightly at SIMW-4 in June 2007, while the dissolved iron concentration remained elevated at 2.59 mg/L, higher than the June 2006 concentration of 2.11 mg/L (Table 2d). Specific conductance values also increased at wells SIMW-2 and SIMW-3 relative to June 2006 values, but chloride and sulfate concentrations decreased at both wells.

Figures 2a, 2b, and 2c, show trend plots of chloride, sulfate, specific conductance (SC), nitrate + nitrite, and dissolved iron, selenium, zinc, and selected VOCs for wells SIMW-2, SIMW-3, and SIMW-4, respectively. The data show some seasonal and long-term variability, with occasional spikes in metals concentrations apparent at wells SIMW-2 and SIMW-3. Typically, iron concentrations may vary over orders of magnitude, zinc concentrations are at or near detection limits, and selenium concentrations are at or near detection limits at SIMW-2 and SIMW-4 and average 0.023 mg/L at SIMW-3 (Tables 2a, 2b, 2c).

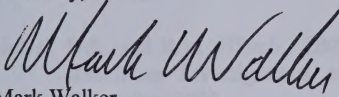
As noted in previous statistical reports, recent increasing trends (i.e., during the last five years) are evident for the following constituents based on the time-concentration plots: nitrate + nitrite, and perhaps sulfate and SC at well SIMW-2 (Figure 2a), and SC at well SIMW-3 (Figure 2b). It should be noted, however, that in most cases current concentrations at these wells are within the range of historical data, and are generally similar to data collected earlier in the period of record. Based on five years of monitoring at well SIMW-4, increasing trends are suggested for sulfate, SC, and iron (Figure 2c).

As an additional method to determine if groundwater concentrations are changing over time, the nonparametric Mann-Kendall test for trend (D.R. Helsel and R.M. Hirsch, 2002) was conducted on the data sets for wells SIMW-2, SIMW-3, and SIMW-4. Briefly stated, the test involves calculation of Kendall's S-statistic and Kendall's tau (τ), which is a measure of the strength of correlation between two variables. Statistical results are presented in Table 3. The significance level of $\alpha=0.05$ selected for the test is commonly used as a default level for statistical testing, and denotes a 5% chance that the test will conclude that there is a trend when in fact there is not (false positive result). Note that, due to the prevalence of nondetect and estimated values (values reported as present, but below reporting limits), the Mann-Kendall test was not conducted for organic parameters.

Statistically significant ($p<0.05$) trends were detected for three parameters: selenium at well SIMW-2, SC at well SIMW-3, and sulfate at well SIMW-4 (Table 3). The selenium trend at SIMW-2 is decreasing (negative τ), while the statistical results indicate moderate increasing trends for SC at well SIMW-3 ($\tau = 0.53$) and sulfate at well SIMW-4 ($\tau = 0.71$). The SC trend at well SIMW-4 was near the level of significance ($p = 0.072$).

If you have any questions regarding this data report, please feel free to contact me at (406) 443-4150, ext. 146.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Walker". The signature is fluid and cursive, with the first name "Mark" and last name "Walker" clearly distinguishable.

Mark Walker
Environmental Scientist

Enclosures

c: Sanitation, Inc. Landfill
Barry Damschen Consulting, LLC

REFERENCES

- Entranco, 2002. Sanitation, Inc. Letter Report from Bruce Siegmund to Pat Potts, MDEQ dated March 21, 2002.
- Helsel, D.R. and R.M. Hirsch, 2002. *Statistical Methods in Water Resources*. Techniques of Water-Resources Investigations of the United States Geological Survey, Book 4, Chapter A3. September 2002.
- Hydrometrics, 2005. Sanitation, Inc. Landfill, Lewistown, Montana, June 2005 Groundwater Sampling Report. September, 2005.

TABLE 1. ANALYTICAL DATA FOR 1,2-DIAMINOCYCLOHEXANE

ANALYST	DATE	ANALYST	DATE
1	1/1/00	1	1/1/00
2	1/1/00	2	1/1/00
3	1/1/00	3	1/1/00
4	1/1/00	4	1/1/00
5	1/1/00	5	1/1/00
6	1/1/00	6	1/1/00
7	1/1/00	7	1/1/00
8	1/1/00	8	1/1/00
9	1/1/00	9	1/1/00
10	1/1/00	10	1/1/00

TABLE 1. ANALYTICAL DATA FOR 1,2-DIAMINOCYCLOHEXANE

TABLES

TABLE 1. PREVIOUS WATER LEVEL MEASUREMENT RESULTS

Well	June 2007 Static Water Level (ft bmp)	June 2007 Groundwater Elevation (ft)
SIMW-1	Dry	Not Measured
SIMW-2	31.97	4091.74
SIMW-3	27.67	4083.24
SIMW-4	24.30	4053.77
SIP-1	33.01	4087.23
SIP-2	48.28	4103.06

NOTES: bmp = below measuring point

Table 2b. SIMW-3 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)	dichlorodifluoro- methane (µg/L)	1,1,1-trichloro- ethane (µg/L)	trichlorofluoro- methane (µg/L)
8/16/1995	34	140	893	8.96	<0.03	0.021	<0.01	0.2(j)	0.54(j)	0.17(j)
6/10/1996	30	139	750	9.25	0.1	0.022	<0.01	<1	<1	<1
10/22/1996	34	133	706	9.09	0.03	0.019	<0.01	<1	<1	<1
6/3/1997	27	134	683	9.08	<0.03			<1	<1	<1
11/4/1997	30	131	767	9.35	<0.03	0.023	<0.01	<1	<1	<1
6/16/1998	23	129	739	12.2	0.24	0.019	<0.01	1.2	<1	1.4
10/6/1998	25	128	731	11	<0.03	0.017	0.01	0.45(j)	<1	0.22(j)
6/15/1999	25	121	707	11.7	12.9	0.074	0.47	0.55(j)	0.34(j)	0.29(j)
10/6/1999	27	124	744	11.5	<0.03	0.019	0.02	<1	<1	<1
6/27/2000	30	135	797	10.1	<0.03	0.023	0.01	0.32(j)	<1	<1
10/17/2000	32	139	808	9.76	<0.03	0.024	0.01	0.3(j)	<1	<1
7/6/2001	36	135	870	8.79	<0.03	0.021	<0.01	0.34(j)	<1	<1
10/30/2001	35	134	866	10.7	<0.03	0.02	0.03	<1	<1	<1
10/26/2002	30	140	879	8.69	<0.03	0.025	0.02	<1	<1	<1
7/22/2003	30	135	811	9.72	0.77	0.022	<0.01	0.27(j)	<1	<1
10/15/2003	31	143	799	9.13	0.22	0.021	<0.01	0.33(j)	<1	<1
6/21/2004	31	143	802	8.06	0.34	0.021	<0.01	<1	<1	<1
10/25/2004	27	136	869	8.35	<0.03	0.023	<0.01	0.31(j)	<1	<1
6/18/2005	29	148	879	10.6	<0.03	0.018	<0.01	<1	<1	<1
11/2/2005	28	146	844	11.4	<0.03	0.018	0.02	0.34(j)	0.23(j)	0.35(j)
6/22/2006	27	130	925	10.6	<0.03	0.015	0.02	0.44(j)	0.45(j)	0.78(j)
6/15/2007	30	119	1100	11	<0.03	0.018	<0.01	0.38(j)	0.61(j)	1.0
WQB-7 Standard	na	na	na	10	0.3	0.05	2.0	1,000	200	10,000
n	22	22	22	22	22	21	21	22	22	22
% BD	0%	0%	0%	0%	64%	0%	57%	41%	77%	68%
Average	30	135	817	10.0	0.68	0.023	0.03	0.66	0.87	0.87
Median	30	135	805	9.74	<0.03	0.021	<0.01	<1	<1	<1
Minimum	23	119	683	8.06	<0.03	0.015	<0.01	0.2(j)	0.23(j)	0.17(j)
Maximum	36	148	1100	12.2	12.9	0.074	0.47	1.2	<1	1.4

NOTES:

n = number of samples

%BD = percent of samples below detection limits

Below detect values replaced with detection limit for calculation of averages

(j) Estimated value; analyte present but less than the reporting limit.

WQB-7 Standards are groundwater standards from February 2006 version of WQB-7; na = no applicable standard.

Table 2c. SIMW-4 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)
10/15/2003	135	167	1370	<0.05	0.06	<0.005	<0.01
6/21/2004	161	152	1500	0.63	<0.03	<0.005	<0.01
10/25/2004	116	161	1460	<0.05	<0.03	<0.005	<0.01
6/18/2005	175	228	2060	<0.05	0.04	<0.005	<0.01
11/2/2005	114	174	1380	0.08	<0.03	<0.005	0.02
6/22/2006	245	288	2320	<0.05	2.11	<0.005	0.02
6/15/2007	250	291	2520	<0.05	2.59	0.008	0.01
WQB-7 Standard	na	na	na	10	0.3	0.05	2.0
n	7	7	7	7	7	7	7
% BD	0%	0%	0%	71%	43%	86%	57%
Average	171	209	1801	0.14	0.70	0.0054	0.013
Median	161	174	1500	<0.05	0.04	<0.005	<0.01
Minimum	114	152	1370	<0.05	<0.03	<0.005	<0.01
Maximum	250	291	2520	0.63	2.59	<0.008	0.02

NOTES:

n = number of samples

%BD = percent of samples below detection limits

Below detect values replaced with detection limit for calculation of averages

(j) Estimated value; analyte present but less than the reporting limit.

WQB-7 Standards are groundwater standards from February 2006 version of WQB-7; na = no applicable standard.

Table 3. June 2007 Statistical Test Results

Well	Parameter	Mann-Kendall Trend Test Results			Well	Parameter	Mann-Kendall Trend Test Results		
		S	τ	p			S	τ	p
SIMW-2	chloride	16	0.07	0.671	SIMW-4	chloride	9	0.43	0.230
	sulfate	34	0.15	0.350		sulfate	15	0.71	0.036
	SC	57	0.25	0.113		SC	13	0.62	0.072
	nitrate + nitrite	-47	-0.20	0.195		nitrate + nitrite	-3	-0.14	0.704
	Fe (diss)	-35	-0.15	0.242		Fe (diss)	8	0.38	0.272
	Se (diss)	-95	-0.41	0.0012		Se (diss)	6	0.29	0.2110
	Zn (diss)	7	0.03	0.848		Zn (diss)	6	0.29	0.333
SIMW-3	chloride	-9	-0.04	0.819					
	sulfate	38	0.17	0.295					
	SC	122	0.53	0.001					
	nitrate + nitrite	7	0.03	0.865					
	Fe (diss)	-7	-0.03	0.828					
	Se (diss)	-42	-0.20	0.211					
	Zn (diss)	19	0.09	0.490					

NOTE: **Bold** values indicate rejection of "no-trend" hypothesis at confidence level $\alpha = 0.05$ (i.e., $p < 0.05$).

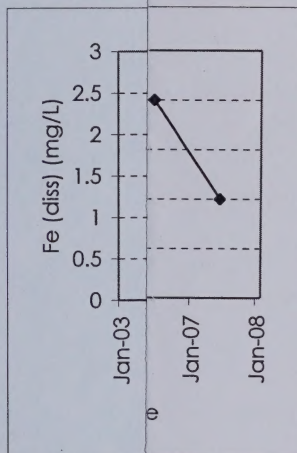
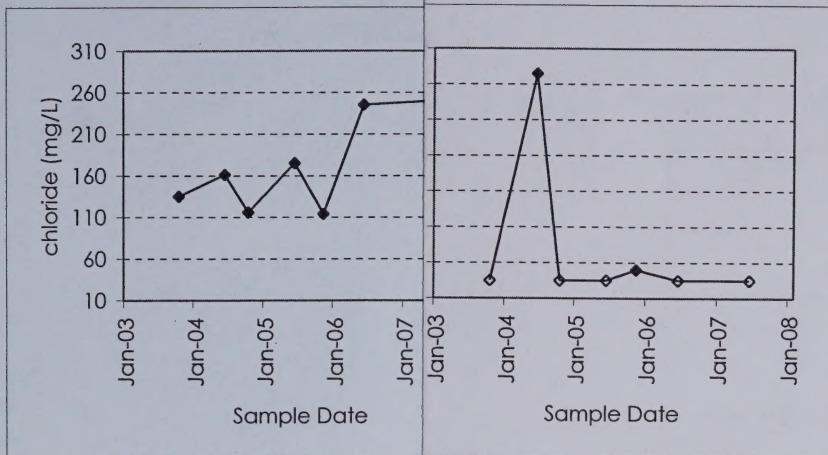
The Mann-Kendall test for trend is conducted according to methods presented in *Statistical Methods in Water Resources* by D.R. Helsel and R.M. Hirsch (2002). The test is a nonparametric method of assessing whether values over time tend to remain constant (null hypothesis) or tend to show an increasing or decreasing trend. The calculated statistics are as follows:

Kendall's S: compares each value in a data set to each subsequently collected value. S is an overall measure of whether subsequent values tend to be greater or less than a given value. If S is positive, subsequent values tend to be greater; if negative, subsequent values tend to be smaller. The closer S is to 0, the less evidence there is of any trend.

Kendall's tau: Kendall's tau is a correlation coefficient analogous to the more familiar Pearson's R. Tau can range from -1 to +1, with +1 indicating a strong increasing trend (increasing concentrations with time), and -1 indicating a strong negative trend (decreasing concentrations with time).

p-value: p-values are a measure of the significance of the above test statistics. Typically, when p is less than some established decision level α , then the null hypothesis (i.e., the assumption of no trend in this case) is rejected.

FIGURES



NOTE: open symbols indicate value below

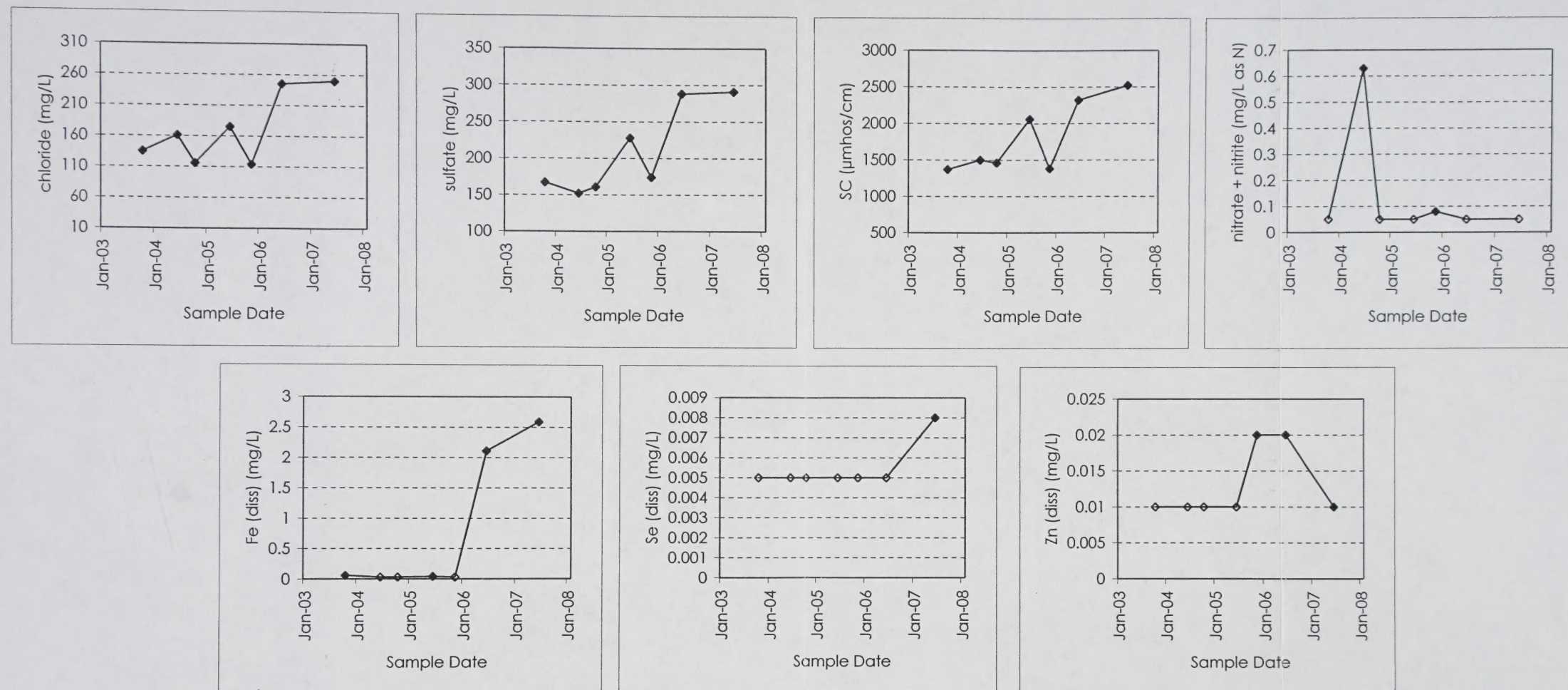
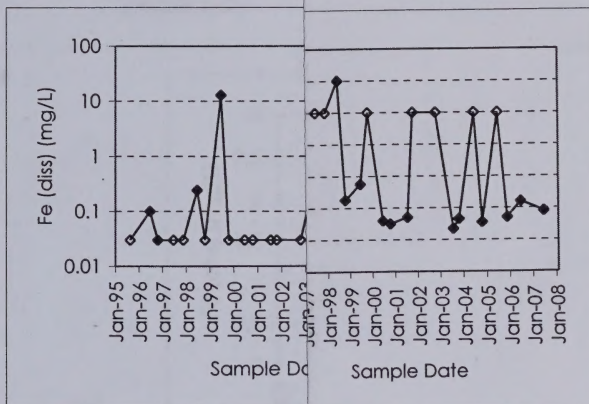
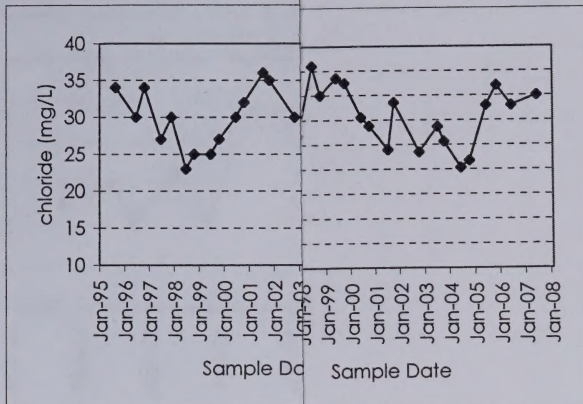


Figure 2c. SIMW-4 Water Quality Trends

NOTE: open symbols indicate value below detection limit



NOTE: open symbols indicate values below 10 mg/L

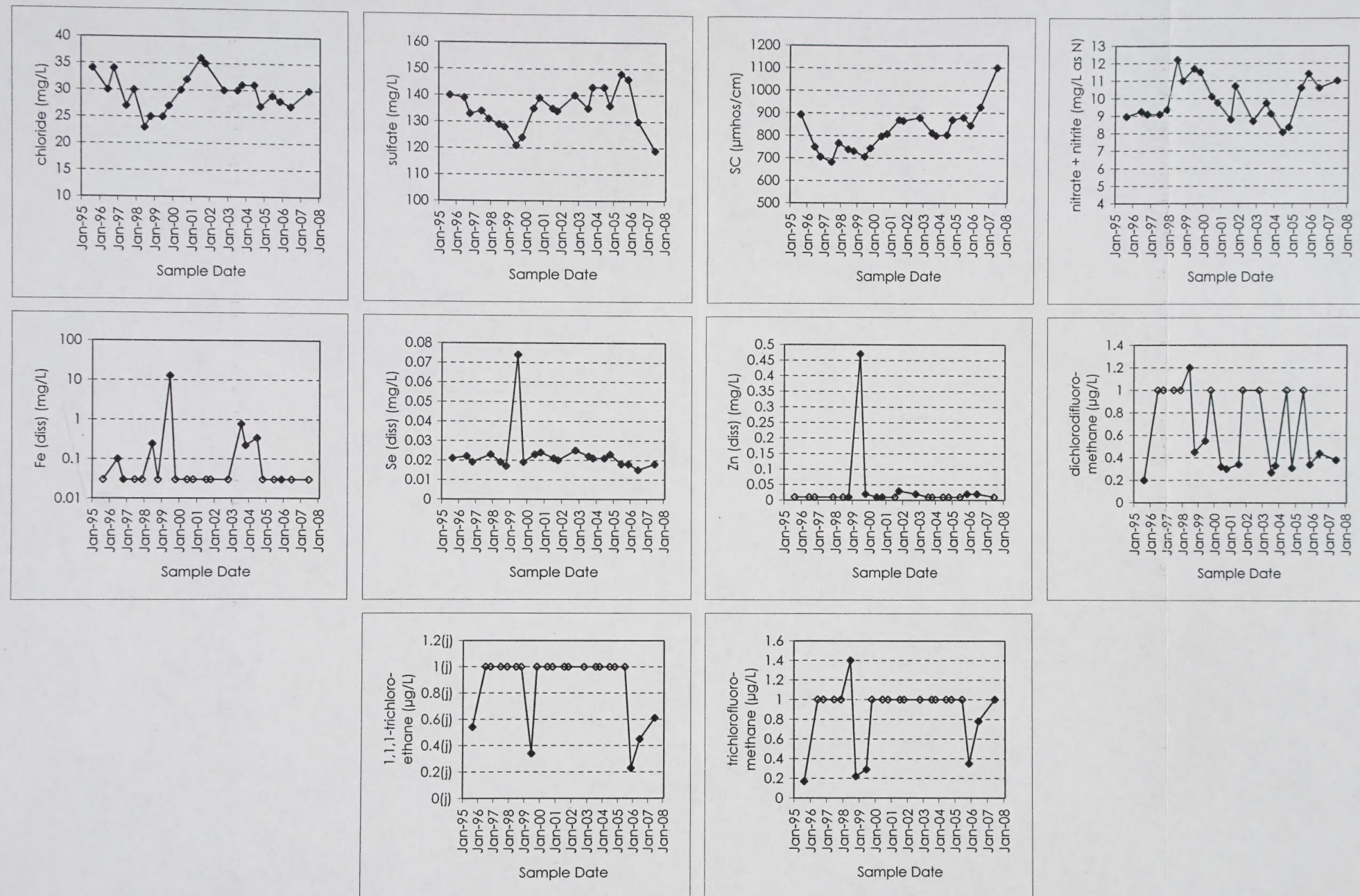
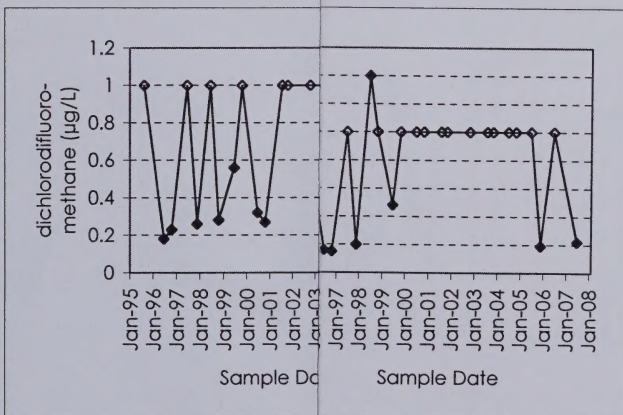
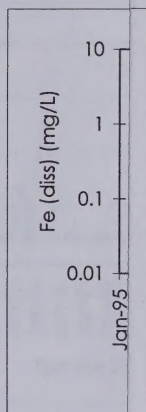
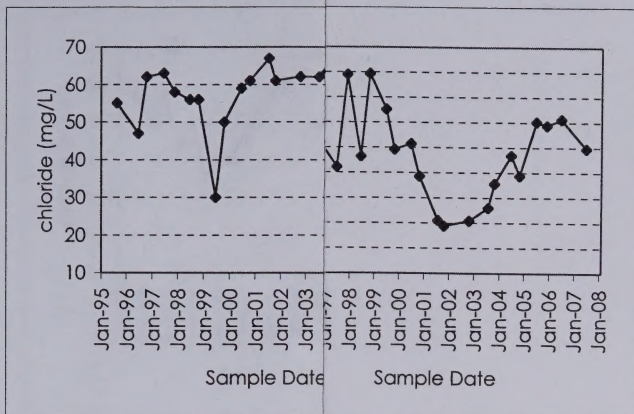


Figure 2b. SIMW-3 Water Quality Trends

NOTE: open symbols indicate value below detection limit



NOTE: open symbols indicate value

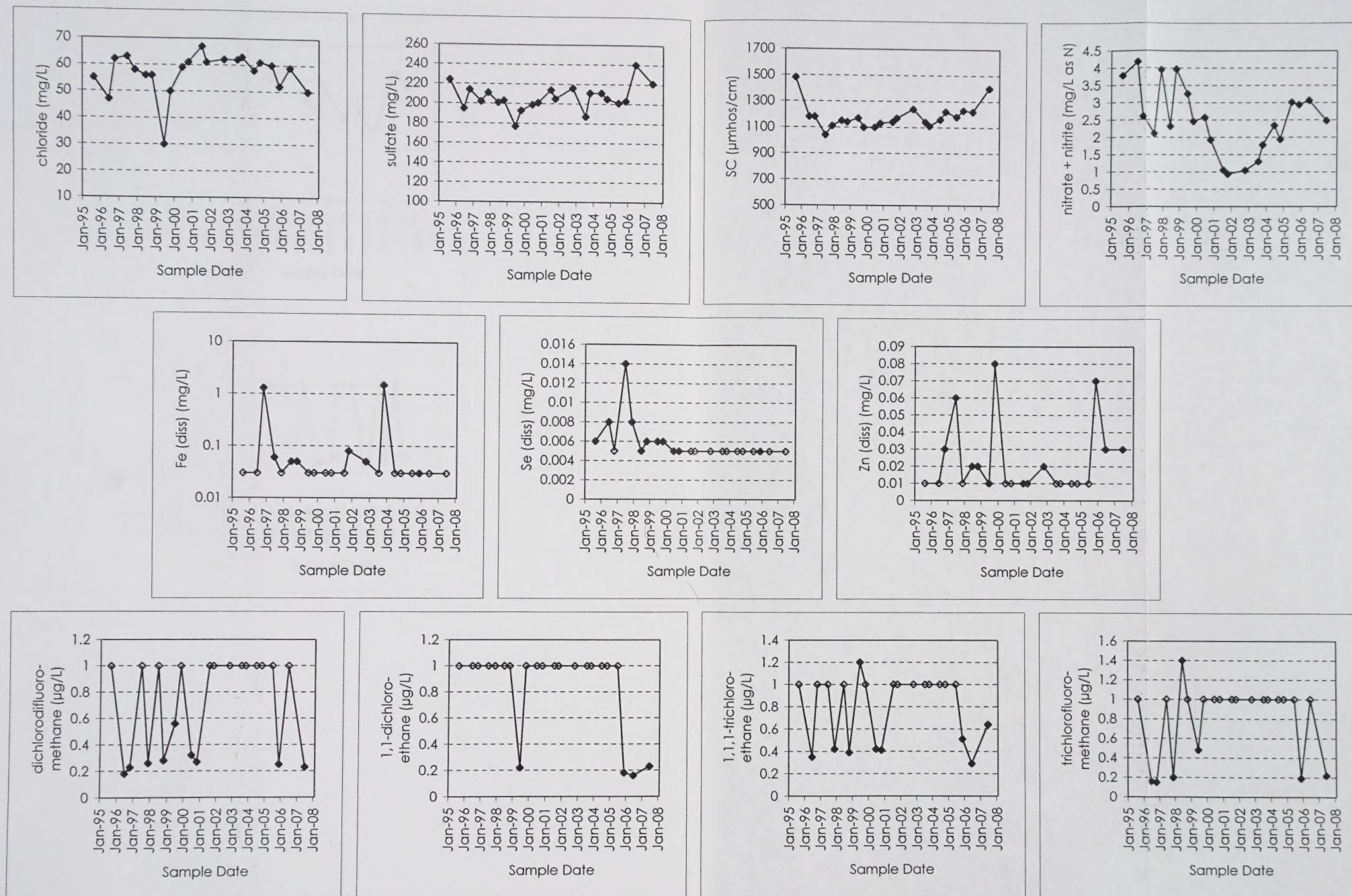
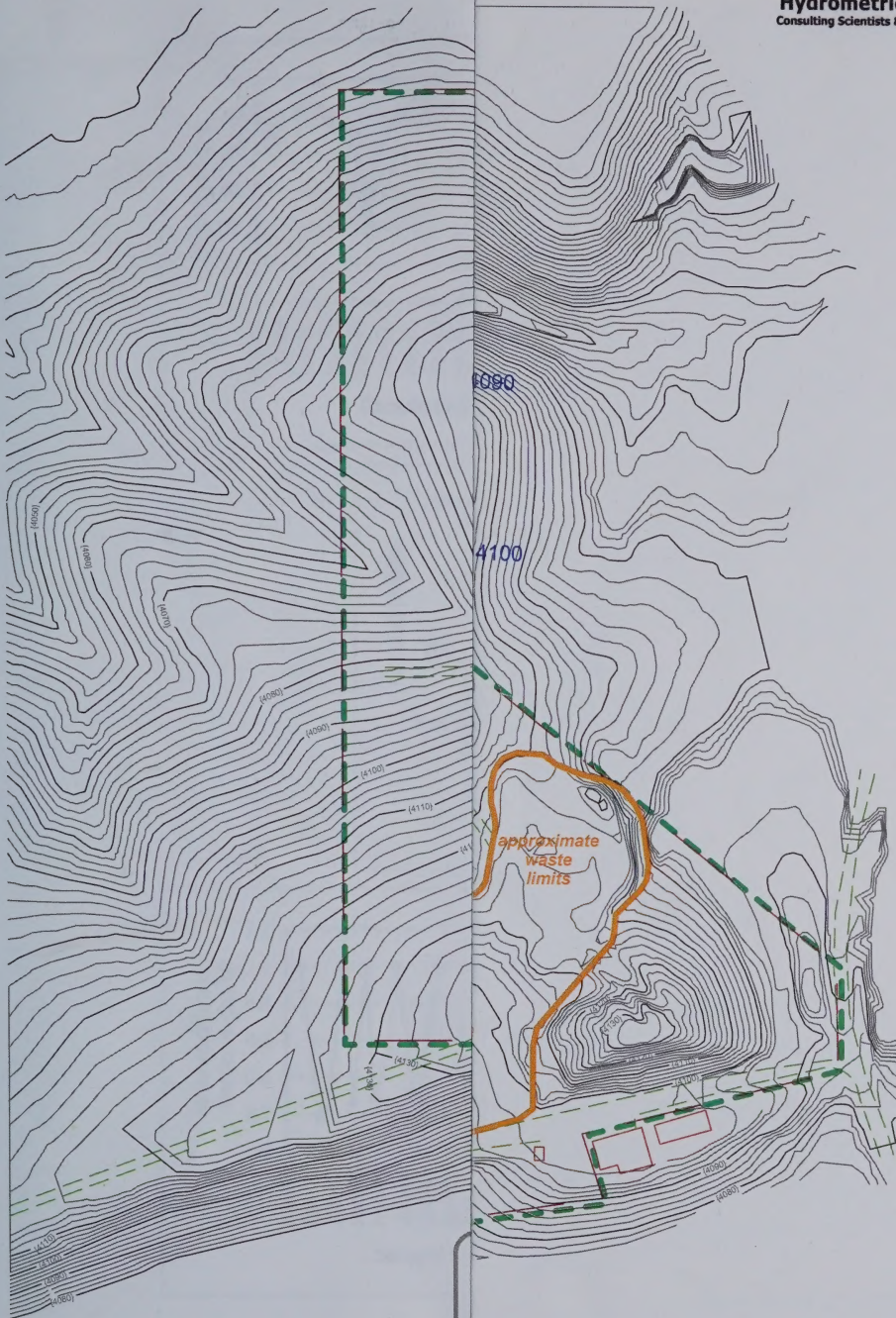


Figure 2a. SIMW-2 Water Quality Trends

NOTE: open symbols indicate value below detection limit



Groundwater Elevations and
Potentiometric Contours
Hydrometrics, Inc. Landfill
Bismarck, Montana

FIGURE

1

1-10-07
 10-10-07
 Instrument Calibration Sheet
 Name: _____
 Serial No: _____
 Project Name: _____
 Date: _____
 Operator: _____
 Station: _____

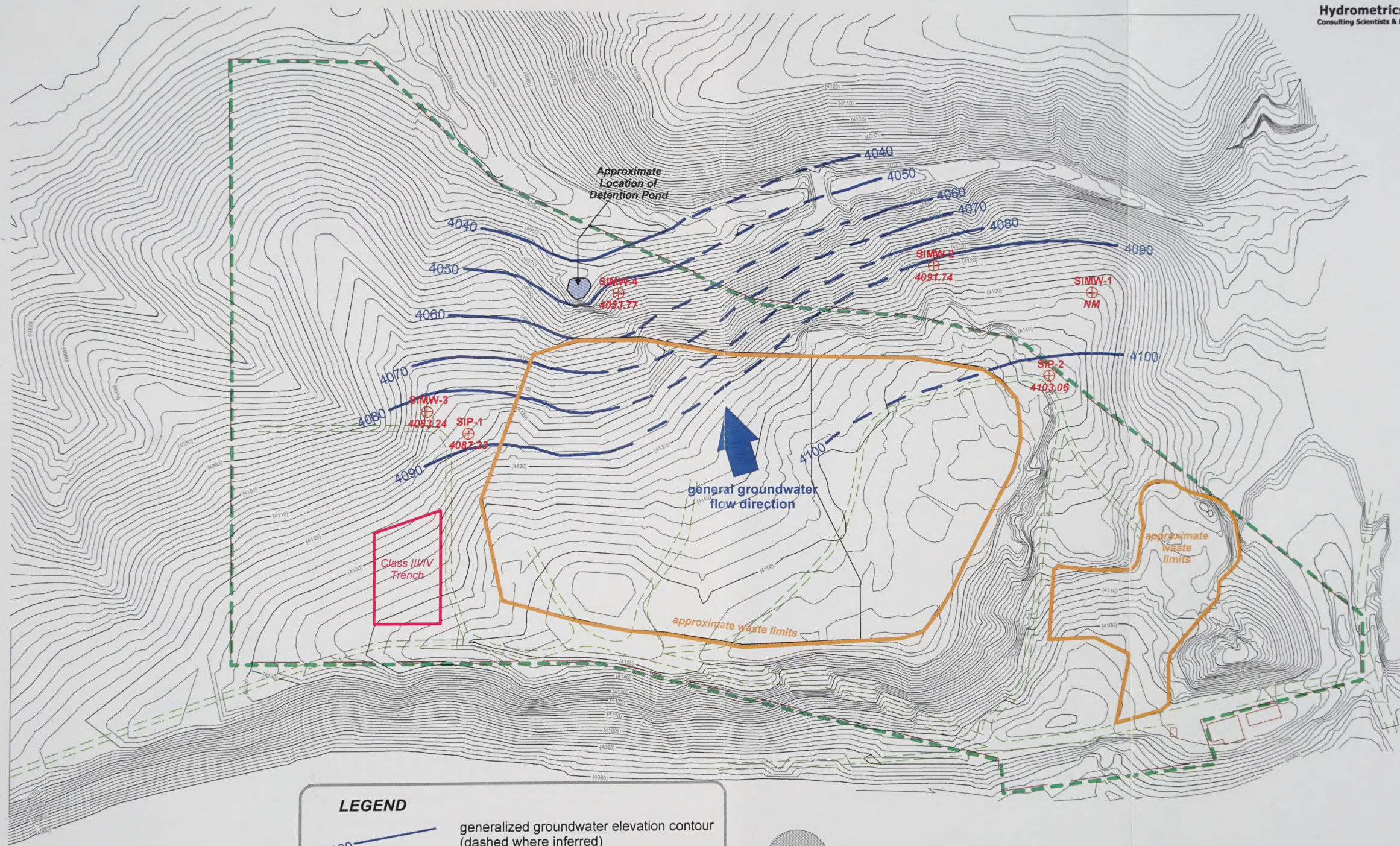
ATTACHMENT 1

FIELD NOTES AND LABORATORY REPORT

Date	Time	Location	Notes
10-10-07	10:00	Station 1	...
10-10-07	10:15	Station 2	...

Laboratory Data
 Sample No: _____
 Test Results: _____
 Date: _____

Date	Time	Location	Notes
10-10-07	10:00	Station 1	...
10-10-07	10:15	Station 2	...



LEGEND

- 4080 — generalized groundwater elevation contour (dashed where inferred)
- ⊕ SIMW-3
4083.24 well/piezometer location with June 15, 2007 groundwater elevation (NM = not monitored)



0 200 400
Scale (ft)

**June 2007 Groundwater Elevations and Generalized Potentiometric Contours
Sanitation, Inc. Landfill
Lewistown, Montana**

Date: 9/11/07
 Location: 1000 ft. above sea level
 Time: 10:00 AM
 Name: [illegible]
 Title: [illegible]
 Institution: [illegible]
 Address: [illegible]
 City: [illegible]
 State: [illegible]
 Zip: [illegible]

ATTACHMENT 1

FIELD NOTES AND LABORATORY REPORT

Date	Time	Location	Remarks
9/11/07	10:00 AM	1000 ft. above sea level	[illegible]

Name: [illegible]
 Title: [illegible]
 Institution: [illegible]
 Address: [illegible]
 City: [illegible]
 State: [illegible]
 Zip: [illegible]

Date	Time	Location	Remarks
9/11/07	10:00 AM	1000 ft. above sea level	[illegible]

Name: [illegible]
 Title: [illegible]
 Institution: [illegible]
 Address: [illegible]
 City: [illegible]
 State: [illegible]
 Zip: [illegible]

pH - SC - Temp.

Instrument Calibration Form

Meter Type: HyDac D16 PCT/PH Comp (033538)

Serial No: 020644559

Project Name: SANITATION INC LADHILL

Date: 6-15-07 ✓

Personnel: B. DANKER

Weather: 70's

PH CALIBRATION

Time	Buffer	Temperature	Reading
	4		
1700	7	68.0	7.01 → 7.01
	10		

Calibration Check: _____

SPECIFIC CONDUCTANCE CALIBRATION

Time	Standard	Temperature	Reading	Cell Factor
1700	1413	14.0	→ 1413	

Notes: _____

BARRY DAMSCHEN CONSULTING, LLC
Helena, Montana

Ground-Water Monitoring Field Report

Project: SAN. INC Landfill Well: 51mw-2

Personnel: Barry Damschen

Date: 6-15-07 Time: 1800

Conditions: Sunny 60's

Static Water Level: 31.97 Total Depth Purged: _____

Purge Method: hand bailed Volume Purged: 2 1/2 gal

	Volume	Temperature	Conductivity	pH
1.	<u>2 1/2</u>	<u>58.2</u>	<u>1610</u>	<u>6.70</u>
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

Pumping Level: _____ (Bladder Pump)
or
Recovery (Inertial or boiler):
h1 0 h2 0.10 time 4 sec depth 41.06

Comments:

SLP = 48.23
#2

BARRY DAMSCHEN CONSULTING, LLC
Helena, Montana

Ground-Water Monitoring Field Report

Project: SAN-TATION INC LF1V Well: Sima-3
Personnel: Barry Damschen
Date: 6-15-07 Time: 1845
Conditions: suny - 70°
Static Water Level: 27.67 Total Depth Purged: _____
Purge Method: hand bailer Volume Purged: 2 1/2 gal

	Volume	Temperature	Conductivity	pH
1.	<u>2 1/2 gal</u>	<u>53.5</u>	<u>1160</u>	<u>6.30</u>
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or boiler):

h1 0 h2 0.10 time 6 sec depth: 37.50

Comments:

S'
SIP = 33.01

1

BARRY DAMSCHEN CONSULTING, LLC
Helena, Montana

Ground-Water Monitoring Field Report

Project: Sanitation Inc LF Well: SIMN-4/45
Personnel: B. Damschen E. Berg
Date: 6/15/07 Time: 1930
Conditions: sunny 70
Static Water Level: 24.30 Total Depth Purged: _____
Purge Method: hand bail Volume Purged: 10 gal

	Volume	Temperature	Conductivity	pH
1.	<u>7 1/2</u>	<u>53.1</u>	<u>3210</u>	<u>6.03</u>
2.	<u>8 1/2</u>	<u>50.5</u>	<u>3410</u>	<u>6.17</u>
3.	<u>9 3/4</u>	<u>49.2</u>	<u>3440</u>	<u>6.24</u>
4.	<u>10</u>	<u>48.2</u>	<u>3400</u>	<u>6.26</u>
5.	_____	_____	_____	_____

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

h1 0 h2 0.10 time 4.50 depth 34.30

Comments:

Visit our web site at www.eneravlab.com for additional information, downloadable fee schedule, forms & links.

**** REPORT ****

Barry Damschen
5531 York Rd
Helena MT 59602

ANALYTICAL SUMMARY REPORT

July 13, 2007

Sanitation Inc.
 PO Box 882
 Lewistown, MT 59457

Workorder No.: H07060169

Project Name: Sanitation Inc. Landfill

Energy Laboratories Inc received the following 5 samples from Sanitation Inc. on 6/18/2007 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
H07060169-001	SIMW-2	06/15/07 18:00	06/18/07	Aqueous	Metals by ICP/ICPMS, Dissolved Chloride Cyanide, Total Manual Distillation Total Cyanide Digestion Chemical Oxygen Demand Conductivity Nitrogen, Nitrate + Nitrite pH Sulfate 8260-Volatile Organic Comp, 40 CFR Part 258 App I
H07060169-002	SIMW-3	06/15/07 18:45	06/18/07	Aqueous	Same As Above
H07060169-003	SIMW-4	06/15/07 19:30	06/18/07	Aqueous	Same As Above
H07060169-004	SIMW-4D	06/15/07 19:30	06/18/07	Aqueous	Same As Above
H07060169-005	Trip Blank TB041107jmb-4	06/15/07 19:30	06/18/07	Trip Blank	8260-Volatile Organic Comp, 40 CFR Part 258 App I

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT, EPA # MT00005
 eli-c - Energy Laboratories, Inc. - Casper, WY, EPA# WY00002
 eli-f - Energy Laboratories, Inc. - Idaho Falls, ID, EPA # ID00942
 eli-g - Energy Laboratories, Inc. - Gillette, WY, EPA# WY00006
 eli-h - Energy Laboratories, Inc. - Helena, MT, EPA# MT00945
 eli-r - Energy Laboratories, Inc. - Rapid City, SD, EPA# SD00012
 eli-t - Energy Laboratories, Inc. - College Station, TX, EPA# TX01520

SUBCONTRACTING ANALYSIS

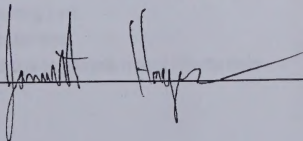
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES, INC. will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories are indicated within the Laboratory Analytical Report.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

ELI appreciates the opportunity to provide you with this analytical service. For additional information, including certifications, and analytical services visit our web page www.energylab.com.

Report Approved By: _____



NONE

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-001
Client Sample ID: SIMW-2

Report Date: 07/13/07
Collection Date: 06/15/07 18:00
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
pH	7.2	s.u.		0.1		A4500-H B	06/19/07 08:45 / kjw
Conductivity	1400	umhos/cm		1		A2510 B	06/18/07 15:15 / kjw
INORGANICS							
Cyanide, Total	ND	mg/L		0.005		Kelada mod	06/20/07 10:30 / eli-b
Sulfate	221	mg/L	D	3		A4500-SO4 E	06/19/07 14:41 / kjw
Chloride	50	mg/L		1		A4500-Cl C	06/20/07 14:07 / kjw
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	4	mg/L		1		E410.4	06/21/07 09:00 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	2.48	mg/L		0.05		E353.2	06/20/07 12:16 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.7	06/26/07 18:40 / eli-b
Arsenic	ND	mg/L		0.005		E200.8	06/30/07 07:04 / eli-b
Barium	ND	mg/L		0.1		E200.7	06/26/07 18:40 / eli-b
Beryllium	ND	mg/L		0.001		E200.7	06/26/07 18:40 / eli-b
Cadmium	ND	mg/L		0.001		E200.7	06/26/07 18:40 / eli-b
Chromium	ND	mg/L		0.01		E200.7	06/26/07 18:40 / eli-b
Cobalt	ND	mg/L		0.01		E200.7	06/26/07 18:40 / eli-b
Copper	ND	mg/L		0.01		E200.7	06/26/07 18:40 / eli-b
Iron	ND	mg/L		0.03		E200.7	06/26/07 18:40 / eli-b
Lead	ND	mg/L		0.01		E200.8	06/30/07 07:04 / eli-b
Mercury	ND	mg/L		0.001		E200.8	06/30/07 07:04 / eli-b
Nickel	ND	mg/L		0.01		E200.7	06/26/07 18:40 / eli-b
Selenium	ND	mg/L		0.005		E200.8	06/30/07 07:04 / eli-b
Silver	ND	mg/L		0.005		E200.7	06/26/07 18:40 / eli-b
Thallium	ND	mg/L		0.1		E200.7	06/26/07 18:40 / eli-b
Vanadium	ND	mg/L		0.1		E200.7	06/26/07 18:40 / eli-b
Zinc	0.03	mg/L		0.01		E200.7	06/26/07 18:40 / eli-b

Report: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-002
Client Sample ID: SIMW-3

Report Date: 07/13/07
Collection Date: 06/15/07 18:45
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
pH	7.3	s.u.		0.1		A4500-H B	06/19/07 08:47 / kjw
Conductivity	1100	umhos/cm		1		A2510 B	06/18/07 15:16 / kjw
INORGANICS							
Cyanide, Total	ND	mg/L		0.005		Kelada mod	06/20/07 10:32 / eli-b
Sulfate	119	mg/L		1		A4500-SO4 E	06/19/07 14:42 / kjw
Chloride	30	mg/L		1		A4500-Cl C	06/20/07 14:08 / kjw
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	3	mg/L		1		E410.4	06/21/07 09:00 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	1.04	mg/L		0.05		E353.2	06/20/07 12:20 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.7	06/26/07 18:51 / eli-b
Arsenic	ND	mg/L		0.005		E200.8	06/30/07 07:12 / eli-b
Barium	ND	mg/L		0.1		E200.7	06/26/07 18:51 / eli-b
Beryllium	ND	mg/L		0.001		E200.7	06/26/07 18:51 / eli-b
Cadmium	ND	mg/L		0.001		E200.7	06/26/07 18:51 / eli-b
Chromium	ND	mg/L		0.01		E200.7	06/26/07 18:51 / eli-b
Cobalt	ND	mg/L		0.01		E200.7	06/26/07 18:51 / eli-b
Copper	ND	mg/L		0.01		E200.7	06/26/07 18:51 / eli-b
Iron	ND	mg/L		0.03		E200.7	06/26/07 18:51 / eli-b
Lead	ND	mg/L		0.01		E200.8	06/30/07 07:12 / eli-b
Mercury	ND	mg/L		0.001		E200.8	06/30/07 07:12 / eli-b
Nickel	ND	mg/L		0.01		E200.7	06/26/07 18:51 / eli-b
Selenium	0.018	mg/L		0.005		E200.8	06/30/07 07:12 / eli-b
Silver	ND	mg/L		0.005		E200.7	06/26/07 18:51 / eli-b
Thallium	ND	mg/L		0.1		E200.7	06/26/07 18:51 / eli-b
Vanadium	ND	mg/L		0.1		E200.7	06/26/07 18:51 / eli-b
Zinc	ND	mg/L		0.01		E200.7	06/26/07 18:51 / eli-b

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Hendrickson, Mary

From: Mark Walker [MWALKER@hydrometrics.com]
Sent: Monday, September 17, 2007 11:11 AM
To: Hendrickson, Mary
Subject: Sanitation Inc Data Sheet
Attachments: H07060169-Rev (2).pdf

Hi Mary:

Attached is a revised analytical result for N+N at one of the Sanitation Inc groundwater wells. I had the lab rerun it because the result was suspicious. I got the reanalysis result from them over the phone before I submitted the groundwater report to you, but not the revised analytical report. So the graphs and stats and discussion in the report all reference the correct value, but the analytical result reported in the data attachment is not the correct one.

I'm hoping you can just attach these sheets to the report, without me having to send out an official cover letter or anything.

Let me know if that will work or if you need additional documentation --

Thanks

Mark

<<H07060169-Rev (2).pdf>>

mark walker
hydrometrics
3020 bozeman avenue
helena, mt 59601
(406) 443-4150 x146
<<mailto:mwalker@hydrometrics.com>>

9/17/2007



LABORATORY ANALYTICAL REPORT

Date: 17-Sep-07

CLIENT: Sanitation Inc.
Project: Sanitation Inc. Landfill
Sample Delivery Group: H07060169

CASE NARRATIVE

Mark with Hydrometrics Inc. contacted ELI stating for sample SIMW-3 historically results for Nitrates are in the range of 11 mg/L. Original result had a dilution that was not reported. Sample was analyzed again with a result of 11.0 mg/L. Attached is the revised report.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-002
Client Sample ID: SIMW-3

Revised Date: 09/17/07
Report Date: 07/13/07
Collection Date: 06/15/07 18:45
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
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NUTRIENTS

Nitrogen, Nitrate+Nitrite as N	11.0	mg/L	DH	0.1	E353.2		09/12/07 12:27 / slid
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Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-003
Client Sample ID: SIMW-4

Report Date: 07/13/07
Collection Date: 06/15/07 19:30
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
pH	7.0	s.u.		0.1		A4500-H B	06/19/07 08:48 / kjw
Conductivity	2520	umhos/cm		1		A2510 B	06/18/07 15:17 / kjw
INORGANICS							
Cyanide, Total	ND	mg/L		0.005		Kelada mod	06/21/07 11:28 / eli-b
Sulfate	291	mg/L	D	3		A4500-SO4 E	06/19/07 14:42 / kjw
Chloride	250	mg/L		1		A4500-Cl C	06/20/07 14:09 / kjw
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	160	mg/L		1		E410.4	06/29/07 14:00 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/20/07 12:22 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.7	06/26/07 18:54 / eli-b
Arsenic	ND	mg/L		0.005		E200.8	06/30/07 07:20 / eli-b
Barium	ND	mg/L		0.1		E200.7	06/26/07 18:54 / eli-b
Beryllium	ND	mg/L		0.001		E200.7	06/26/07 18:54 / eli-b
Cadmium	ND	mg/L		0.001		E200.8	06/30/07 07:20 / eli-b
Chromium	ND	mg/L		0.01		E200.7	06/26/07 18:54 / eli-b
Cobalt	0.01	mg/L		0.01		E200.8	06/30/07 07:20 / eli-b
Copper	ND	mg/L		0.01		E200.7	06/26/07 18:54 / eli-b
Iron	2.59	mg/L		0.03		E200.7	06/26/07 18:54 / eli-b
Lead	ND	mg/L		0.01		E200.8	06/30/07 07:20 / eli-b
Mercury	ND	mg/L		0.001		E200.8	06/30/07 07:20 / eli-b
Nickel	0.05	mg/L		0.01		E200.8	06/30/07 07:20 / eli-b
Selenium	0.008	mg/L		0.005		E200.8	06/30/07 07:20 / eli-b
Silver	ND	mg/L		0.005		E200.8	06/30/07 07:20 / eli-b
Thallium	ND	mg/L		0.1		E200.7	06/26/07 18:54 / eli-b
Vanadium	ND	mg/L		0.1		E200.7	06/26/07 18:54 / eli-b
Zinc	0.01	mg/L		0.01		E200.7	06/26/07 18:54 / eli-b

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
 D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-004
Client Sample ID: SIMW-4D

Report Date: 07/13/07
Collection Date: 06/15/07 19:30
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
PHYSICAL PROPERTIES							
pH	7.0	s.u.		0.1		A4500-H B	06/19/07 08:49 / kjw
Conductivity	2530	umhos/cm		1		A2510 B	06/18/07 15:20 / kjw
INORGANICS							
Cyanide, Total	ND	mg/L		0.005		Kelada mod	06/21/07 11:29 / eli-b
Sulfate	270	mg/L	D	3		A4500-SO ₄ E	06/19/07 14:43 / kjw
Chloride	250	mg/L		1		A4500-Cl C	06/20/07 14:11 / kjw
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	170	mg/L		1		E410.4	06/29/07 14:00 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/20/07 12:24 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.7	06/26/07 18:58 / eli-b
Arsenic	ND	mg/L		0.005		E200.8	06/30/07 07:28 / eli-b
Barium	ND	mg/L		0.1		E200.7	06/26/07 18:58 / eli-b
Beryllium	ND	mg/L		0.001		E200.8	06/30/07 07:28 / eli-b
Cadmium	ND	mg/L		0.001		E200.8	06/30/07 07:28 / eli-b
Chromium	ND	mg/L		0.01		E200.7	06/26/07 18:58 / eli-b
Cobalt	ND	mg/L		0.01		E200.7	06/26/07 18:58 / eli-b
Copper	ND	mg/L		0.01		E200.7	06/26/07 18:58 / eli-b
Iron	2.62	mg/L		0.03		E200.7	06/26/07 18:58 / eli-b
Lead	ND	mg/L		0.01		E200.8	06/30/07 07:28 / eli-b
Mercury	ND	mg/L		0.001		E200.8	06/30/07 07:28 / eli-b
Nickel	0.05	mg/L		0.01		E200.8	06/30/07 07:28 / eli-b
Selenium	0.008	mg/L		0.005		E200.8	06/30/07 07:28 / eli-b
Silver	ND	mg/L		0.005		E200.8	06/30/07 07:28 / eli-b
Thallium	ND	mg/L		0.1		E200.7	06/26/07 18:58 / eli-b
Vanadium	ND	mg/L		0.1		E200.7	06/26/07 18:58 / eli-b
Zinc	0.02	mg/L		0.01		E200.7	06/26/07 18:58 / eli-b

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 07/13/07
 Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B			Batch: 070618A-COND-PROBE-W						
Sample ID: LCS1_070618A	Laboratory Control Sample				Run: COND_070618A				06/18/07 15:06
Conductivity	150	umhos/cm	1.0	102	90	110			
Sample ID: H07060164-008ADUP	Sample Duplicate				Run: COND_070618A				06/18/07 15:14
Conductivity	1110	umhos/cm	1.0				1.9	10	
Sample ID: H07060170-003ADUP	Sample Duplicate				Run: COND_070618A				06/18/07 15:24
Conductivity	2180	umhos/cm	1.0				0.1	10	
Method: A4500-Cl C			Batch: 070620A-CL-TTR-W						
Sample ID: MBLK1_070620A	Method Blank				Run: TITTR_070620B				06/20/07 13:56
Chloride	1.0	mg/L	0.7						
Sample ID: LCS1_070620A	Laboratory Control Sample				Run: TITTR_070620B				06/20/07 13:56
Chloride	95.0	mg/L	1.0	94	90	110			
Sample ID: H07060164-008ADUP	Sample Duplicate				Run: TITTR_070620B				06/20/07 14:06
Chloride	45.0	mg/L	1.0				0.0	20	
Sample ID: H07060170-003AMS	Sample Matrix Spike				Run: TITTR_070620B				06/20/07 15:00
Chloride	36.0	mg/L	1.0	110	90	110			
Sample ID: H07060170-003AMSD	Sample Matrix Spike Duplicate				Run: TITTR_070620B				06/20/07 15:02
Chloride	36.0	mg/L	1.0	110	90	110	0.0	20	
Method: A4500-H B			Batch: 070619A-PH-W						
Sample ID: LCS1_070619A	Laboratory Control Sample				Run: PH_070619A				06/19/07 08:22
pH	7.03	s.u.	0.10	100	98.6	101.4			
Sample ID: H07060170-002ADUP	Sample Duplicate				Run: PH_070619A				06/19/07 08:53
pH	7.29	s.u.	0.10				0.1	2	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 07/13/07
Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-SO4 E		Batch: 070619A-SO4-TURB-W							
Sample ID: MBLK1_070619A	Method Blank					Run: TURBIDITY_070619A			06/19/07 14:32
Sulfate	ND	mg/L	0.6						
Sample ID: LCS1_070619A	Laboratory Control Sample					Run: TURBIDITY_070619A			06/19/07 14:32
Sulfate	90.2	mg/L	1.0	96	90	110			
Sample ID: H07060169-001ADUP	Sample Duplicate					Run: TURBIDITY_070619A			06/19/07 14:42
Sulfate	216	mg/L	2.8				2.0	20	
Sample ID: MBLK2_070619AMS	Sample Matrix Spike					Run: TURBIDITY_070619A			06/19/07 14:47
Sulfate	19.4	mg/L	1.0	97	80	120			
Sample ID: MBLK2_070619AMSD	Sample Matrix Spike Duplicate					Run: TURBIDITY_070619A			06/19/07 14:48
Sulfate	19.6	mg/L	1.0	98	80	120	1.0	10	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 07/13/07
 Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Analytical Run: SUB-B95697		
Sample ID: QCS	Initial Calibration Verification Standard							06/26/07 10:09	
Antimony	0.987	mg/L	0.0100	99	90	110			
Barium	0.972	mg/L	0.10	97	90	110			
Beryllium	0.498	mg/L	0.010	100	90	110			
Cadmium	0.489	mg/L	0.010	98	90	110			
Chromium	0.984	mg/L	0.050	98	90	110			
Cobalt	0.973	mg/L	0.020	97	90	110			
Copper	0.959	mg/L	0.010	96	90	110			
Iron	4.88	mg/L	0.030	98	90	110			
Nickel	0.992	mg/L	0.050	99	90	110			
Silver	0.453	mg/L	0.010	91	90	110			
Thallium	0.986	mg/L	0.0089	99	90	110			
Vanadium	0.991	mg/L	0.10	99	90	110			
Zinc	1.00	mg/L	0.010	100	90	110			
Sample ID: ICSA	Interference Check Sample A							06/26/07 10:23	
Antimony	0.00196	mg/L	0.0100		-0.05	0.05			
Barium	0.000220	mg/L	0.10		-0.005	0.0005			
Beryllium	4.00E-05	mg/L	0.010		-0.001	0.001			
Cadmium	-0.00433	mg/L	0.010		-0.001	0.001			
Chromium	-0.00132	mg/L	0.050		-0.01	0.01			
Cobalt	0.000680	mg/L	0.020		-0.01	0.01			
Copper	0.00369	mg/L	0.010		-0.01	0.01			
Iron	204	mg/L	0.091	102	80	120			
Nickel	0.000640	mg/L	0.050		-0.05	0.05			
Silver	0.00197	mg/L	0.010		-0.005	0.005			
Thallium	-0.00509	mg/L	0.0089		-0.1	0.1			
Vanadium	0.00487	mg/L	0.10		-0.01	0.01			
Zinc	0.0108	mg/L	0.010		-0.01	0.01			
Sample ID: ICSAB	Interference Check Sample AB							06/26/07 10:27	
Antimony	1.00	mg/L	0.0100	100	80	120			
Barium	0.513	mg/L	0.10	103	80	120			
Beryllium	0.493	mg/L	0.010	99	80	120			
Cadmium	0.960	mg/L	0.010	96	80	120			
Chromium	0.492	mg/L	0.050	98	80	120			
Cobalt	0.482	mg/L	0.020	96	80	120			
Copper	0.536	mg/L	0.010	107	80	120			
Iron	201	mg/L	0.091	101	80	120			
Nickel	0.989	mg/L	0.050	99	80	120			
Silver	1.01	mg/L	0.010	101	80	120			
Thallium	1.00	mg/L	0.0089	100	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Project: Sanitation Inc. Landfill

Report Date: 07/13/07

Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Analytical Run: SUB-B95697		
Sample ID: ICSAB Interference Check Sample AB 06/26/07 10:27									
Vanadium	0.501	mg/L	0.10	100	80	120			
Zinc	1.05	mg/L	0.010	105	80	120			
Method: E200.7							Batch: B_R95697		
Sample ID: MB-SPDIS070625A Method Blank Run: SUB-B95697 06/26/07 10:56									
Antimony	ND	mg/L	0.010						
Barium	0.0005	mg/L	0.0001						
Beryllium	0.0001	mg/L	8E-05						
Cadmium	0.0006	mg/L	0.0003						
Chromium	ND	mg/L	0.002						
Cobalt	ND	mg/L	0.0010						
Copper	ND	mg/L	0.001						
Iron	ND	mg/L	0.002						
Nickel	ND	mg/L	0.001						
Silver	ND	mg/L	0.001						
Thallium	ND	mg/L	0.009						
Vanadium	ND	mg/L	0.001						
Zinc	0.001	mg/L	0.0004						
Sample ID: LFB-SPDIS070625A Laboratory Fortified Blank Run: SUB-B95697 06/26/07 11:00									
Antimony	0.968	mg/L	0.010	97	85	115			
Barium	0.988	mg/L	0.10	99	85	115			
Beryllium	0.491	mg/L	0.010	98	85	115			
Cadmium	0.477	mg/L	0.010	95	85	115			
Chromium	0.952	mg/L	0.050	95	85	115			
Cobalt	0.956	mg/L	0.020	96	85	115			
Copper	0.964	mg/L	0.010	96	85	115			
Iron	4.85	mg/L	0.030	97	85	115			
Nickel	0.950	mg/L	0.050	95	85	115			
Silver	0.449	mg/L	0.010	90	85	115			
Thallium	0.966	mg/L	0.0091	97	85	115			
Vanadium	0.981	mg/L	0.10	98	85	115			
Zinc	0.989	mg/L	0.010	99	85	115			
Sample ID: B07061701-002CMS2 Sample Matrix Spike Run: SUB-B95697 06/26/07 19:23									
Antimony	1.948	mg/L	0.020	97	70	130			
Barium	1.956	mg/L	0.10	97	70	130			
Beryllium	0.9611	mg/L	0.0010	95	70	130			
Cadmium	0.9322	mg/L	0.0010	92	70	130			
Chromium	1.848	mg/L	0.010	92	70	130			
Cobalt	2.048	mg/L	0.010	93	70	130			

Qualifiers:

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ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 07/13/07
Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Batch: B_R95697		
Sample ID: B07061701-002CMS2	Sample Matrix Spike			Run: SUB-B95697			06/26/07 19:23		
Copper	2.081	mg/L	0.010	103	70	130			
Iron	9.445	mg/L	0.030	94	70	130			
Nickel	2.872	mg/L	0.010	93	70	130			
Silver	0.9653	mg/L	0.0050	97	70	130			
Thallium	1.809	mg/L	0.018	90	70	130			
Vanadium	1.930	mg/L	0.10	96	70	130			
Zinc	2.562	mg/L	0.010	101	70	130			
Sample ID: B07061701-002CMSD2	Sample Matrix Spike Duplicate			Run: SUB-B95697			06/26/07 19:34		
Antimony	1.965	mg/L	0.020	98	70	130	0.8	20	
Barium	1.960	mg/L	0.10	98	70	130	0.2	20	
Beryllium	0.9619	mg/L	0.0010	95	70	130	0.1	20	
Cadmium	0.9450	mg/L	0.0010	93	70	130	1.4	20	
Chromium	1.856	mg/L	0.010	93	70	130	0.4	20	
Cobalt	2.071	mg/L	0.010	94	70	130	1.1	20	
Copper	2.085	mg/L	0.010	104	70	130	0.2	20	
Iron	9.523	mg/L	0.030	95	70	130	0.8	20	
Nickel	2.880	mg/L	0.010	94	70	130	0.3	20	
Silver	0.9639	mg/L	0.0050	96	70	130	0.1	20	
Thallium	1.834	mg/L	0.018	92	70	130	1.3	20	
Vanadium	1.942	mg/L	0.10	97	70	130	0.6	20	
Zinc	2.579	mg/L	0.010	102	70	130	0.6	20	

Qualifiers:

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ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 07/13/07
Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Analytical Run: SUB-B95866		
Sample ID: QCS - ME070515A, ME0 Initial Calibration Verification Standard							06/29/07 09:54		
Arsenic	0.051	mg/L	0.0050	101	90	110			
Beryllium	0.025	mg/L	0.0010	100	90	110			
Cadmium	0.025	mg/L	0.0010	99	90	110			
Cobalt	0.049	mg/L	0.010	97	90	110			
Lead	0.050	mg/L	0.010	100	90	110			
Mercury	0.0019	mg/L	0.0010	97	90	110			
Nickel	0.049	mg/L	0.010	98	90	110			
Selenium	0.051	mg/L	0.0050	101	90	110			
Silver	0.025	mg/L	0.0050	99	90	110			
Sample ID: QCS - ME070515A, ME0 Initial Calibration Verification Standard							06/30/07 05:40		
Arsenic	0.050	mg/L	0.0050	100	90	110			
Beryllium	0.025	mg/L	0.0010	101	90	110			
Cadmium	0.025	mg/L	0.0010	100	90	110			
Cobalt	0.049	mg/L	0.010	98	90	110			
Lead	0.050	mg/L	0.010	100	90	110			
Mercury	0.0020	mg/L	0.0010	100	90	110			
Nickel	0.049	mg/L	0.010	98	90	110			
Selenium	0.050	mg/L	0.0050	99	90	110			
Silver	0.025	mg/L	0.0050	100	90	110			
Sample ID: QCS - ME070515A, ME0 Initial Calibration Verification Standard							06/29/07 21:33		
Arsenic	0.051	mg/L	0.0050	102	90	110			
Beryllium	0.025	mg/L	0.0010	101	90	110			
Cadmium	0.025	mg/L	0.0010	99	90	110			
Cobalt	0.049	mg/L	0.010	98	90	110			
Lead	0.050	mg/L	0.010	99	90	110			
Mercury	0.0020	mg/L	0.0010	101	90	110			
Nickel	0.049	mg/L	0.010	98	90	110			
Selenium	0.050	mg/L	0.0050	100	90	110			
Silver	0.025	mg/L	0.0050	100	90	110			
Sample ID: QCS - ME070515A, ME0 Initial Calibration Verification Standard							06/30/07 17:38		
Arsenic	0.051	mg/L	0.0050	101	90	110			
Beryllium	0.026	mg/L	0.0010	103	90	110			
Cadmium	0.025	mg/L	0.0010	99	90	110			
Cobalt	0.049	mg/L	0.010	98	90	110			
Lead	0.051	mg/L	0.010	101	90	110			
Mercury	0.0020	mg/L	0.0010	100	90	110			
Nickel	0.049	mg/L	0.010	98	90	110			
Selenium	0.050	mg/L	0.0050	99	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 07/13/07
Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Analytical Run: SUB-B95866		
Sample ID: QCS - ME070515A, ME0 Initial Calibration Verification Standard 06/30/07 17:38									
Silver	0.025	mg/L	0.0050	100	90	110			
Method: E200.8							Batch: B_R95866		
Sample ID: LRB		Method Blank		Run: SUB-B95866			06/29/07 10:56		
Arsenic	ND	mg/L	4E-05						
Beryllium	ND	mg/L	3E-05						
Cadmium	0.0001	mg/L	9E-06						
Cobalt	ND	mg/L	1E-05						
Lead	ND	mg/L	8E-06						
Mercury	ND	mg/L	1E-05						
Nickel	ND	mg/L	3E-05						
Selenium	0.0001	mg/L	0.0001						
Silver	ND	mg/L	3E-05						
Sample ID: LFB		Laboratory Fortified Blank		Run: SUB-B95866			06/29/07 11:03		
Arsenic	0.052	mg/L	0.0050	104	85	115			
Beryllium	0.051	mg/L	0.0010	101	85	115			
Cadmium	0.052	mg/L	0.0010	103	85	115			
Cobalt	0.052	mg/L	0.010	105	85	115			
Lead	0.051	mg/L	0.010	103	85	115			
Mercury	0.0010	mg/L	0.0010	103	85	115			
Nickel	0.052	mg/L	0.010	104	85	115			
Selenium	0.052	mg/L	0.0050	103	85	115			
Silver	0.020	mg/L	0.0050	102	85	115			
Sample ID: B07061700-004CMS		Sample Matrix Spike		Run: SUB-B95866			06/30/07 08:37		
Arsenic	0.05355	mg/L	0.0050	105	70	130			
Beryllium	0.04495	mg/L	0.0010	90	70	130			
Cadmium	0.04984	mg/L	0.0010	100	70	130			
Cobalt	0.05152	mg/L	0.010	101	70	130			
Lead	0.05197	mg/L	0.010	104	70	130			
Mercury	0.001080	mg/L	0.0010	108	70	130			
Nickel	0.06115	mg/L	0.010	101	70	130			
Selenium	0.08709	mg/L	0.0050	108	70	130			
Silver	0.01829	mg/L	0.0050	91	70	130			
Sample ID: B07061700-004CMSD		Sample Matrix Spike Duplicate		Run: SUB-B95866			06/30/07 08:45		
Arsenic	0.05313	mg/L	0.0050	104	70	130	0.8	20	
Beryllium	0.04348	mg/L	0.0010	87	70	130	3.3	20	
Cadmium	0.04921	mg/L	0.0010	98	70	130	1.3	20	
Cobalt	0.04978	mg/L	0.010	97	70	130	3.4	20	

Qualifiers:

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ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 07/13/07
 Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Batch: B_R95866		
Sample ID: B07061700-004CMSD	Sample Matrix Spike Duplicate			Run: SUB-B95866			06/30/07 08:45		
Lead	0.05149	mg/L	0.010	103	70	130	0.9	20	
Mercury	0.001059	mg/L	0.0010	106	70	130	2.0	20	
Nickel	0.05722	mg/L	0.010	93	70	130	6.6	20	
Selenium	0.08501	mg/L	0.0050	104	70	130	2.4	20	
Silver	0.01831	mg/L	0.0050	92	70	130	0.1	20	
Method: E353.2							Analytical Run: NUTRIENTS_070620C		
Sample ID: ICV-1	Initial Calibration Verification Standard						06/20/07 11:22		
Nitrogen, Nitrate+Nitrite as N	1.01	mg/L	0.050	101	90	110			
Sample ID: CCV-23	Continuing Calibration Verification Standard						06/20/07 12:06		
Nitrogen, Nitrate+Nitrite as N	0.0900	mg/L	0.050	90	90	110			
Method: E353.2							Batch: A2007-06-20_5_NO3_01		
Sample ID: LCS-2	Laboratory Control Sample			Run: NUTRIENTS_070620C			06/20/07 11:24		
Nitrogen, Nitrate+Nitrite as N	26.5	mg/L	0.24	100	90	110			
Sample ID: LFB-3	Laboratory Fortified Blank			Run: NUTRIENTS_070620C			06/20/07 11:26		
Nitrogen, Nitrate+Nitrite as N	0.510	mg/L	0.050	102	90	110			
Sample ID: MBLK-6	Method Blank			Run: NUTRIENTS_070620C			06/20/07 11:32		
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.010						
Sample ID: H07060169-001BDUP	Sample Duplicate			Run: NUTRIENTS_070620C			06/20/07 12:18		
Nitrogen, Nitrate+Nitrite as N	2.50	mg/L	0.050				0.8	20	
Sample ID: H07060170-002BMS	Sample Matrix Spike			Run: NUTRIENTS_070620C			06/20/07 12:30		
Nitrogen, Nitrate+Nitrite as N	1.06	mg/L	0.050	106	90	110			
Sample ID: H07060170-002BMSD	Sample Matrix Spike Duplicate			Run: NUTRIENTS_070620C			06/20/07 12:32		
Nitrogen, Nitrate+Nitrite as N	1.06	mg/L	0.050	106	90	110	0.0	20	

Qualifiers:

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ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 07/13/07
Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4									Batch: R38102
Sample ID: MB-R38102	Method Blank					Run: SPECTRO_070621A			06/21/07 09:00
Oxygen Demand, Chemical (COD)	ND	mg/L							
Sample ID: LCS-R38102	Laboratory Control Sample					Run: SPECTRO_070621A			06/21/07 09:00
Oxygen Demand, Chemical (COD)	300	mg/L	1.0	101	90	110			
Sample ID: H07060164-008BDUP	Sample Duplicate					Run: SPECTRO_070621A			06/21/07 09:00
Oxygen Demand, Chemical (COD)	5.6	mg/L	1.0				5.2	30	
Sample ID: H07060171-006BMS	Sample Matrix Spike					Run: SPECTRO_070621A			06/21/07 09:00
Oxygen Demand, Chemical (COD)	28	mg/L	1.0	86	80	120			
Sample ID: H07060171-006BMSD	Sample Matrix Spike Duplicate					Run: SPECTRO_070621A			06/21/07 09:00
Oxygen Demand, Chemical (COD)	28	mg/L	1.0	86	80	120	0.0	30	
Method: E410.4									Batch: R38278
Sample ID: MB-R38278	Method Blank					Run: SPECTRO_070629A			06/29/07 14:00
Oxygen Demand, Chemical (COD)	0.6	mg/L							
Sample ID: LCS-R38278	Laboratory Control Sample					Run: SPECTRO_070629A			06/29/07 14:00
Oxygen Demand, Chemical (COD)	310	mg/L	1.0	103	90	110			
Sample ID: H07060192-005BMS	Sample Matrix Spike					Run: SPECTRO_070629A			06/29/07 14:00
Oxygen Demand, Chemical (COD)	31	mg/L	1.0	94	80	120			
Sample ID: H07060192-005BMSD	Sample Matrix Spike Duplicate					Run: SPECTRO_070629A			06/29/07 14:00
Oxygen Demand, Chemical (COD)	29	mg/L	1.0	88	80	120	4.7	30	
Sample ID: H07060280-003BDUP	Sample Duplicate					Run: SPECTRO_070629A			06/29/07 14:00
Oxygen Demand, Chemical (COD)	8.7	mg/L	1.0				7.1	30	

Qualifiers:

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ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 07/13/07
Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: Kelada mod									Batch: B_27477
Sample ID: LFB-4	Laboratory Fortified Blank				Run: SUB-B95421				06/21/07 10:29
Cyanide, Total	0.0938	mg/L	0.0050	94	90	110			
Sample ID: LCS-6	Laboratory Control Sample				Run: SUB-B95421				06/21/07 10:33
Cyanide, Total	0.135	mg/L	0.0050	90	90	110			
Sample ID: MBLK-8	Method Blank				Run: SUB-B95421				06/21/07 10:37
Cyanide, Total	0.002	mg/L	0.001						
Sample ID: B07061556-001FMS	Sample Matrix Spike				Run: SUB-B95421				06/21/07 11:11
Cyanide, Total	0.0870	mg/L	0.0050	87	90	110			S
Sample ID: B07061556-001FMSD	Sample Matrix Spike Duplicate				Run: SUB-B95421				06/21/07 11:13
Cyanide, Total	0.0905	mg/L	0.0050	90	90	110			
Method: Kelada mod									Analytical Run: SUB-B95348
Sample ID: ICV-1	Initial Calibration Verification Standard								06/20/07 08:09
Cyanide, Total	0.162	mg/L	0.0050	108	90	110			
Method: Kelada mod									Batch: B_A2007-06-20_4_CN_01
Sample ID: LFB-4	Laboratory Fortified Blank				Run: SUB-B95348				06/20/07 08:15
Cyanide, Total	0.0997	mg/L	0.0050	100	90	110			
Sample ID: MBLK-5	Method Blank				Run: SUB-B95348				06/20/07 08:17
Cyanide, Total	ND	mg/L	0.001						
Sample ID: B07061549-002CMSD	Sample Matrix Spike Duplicate				Run: SUB-B95348				06/20/07 10:23
Cyanide, Total	0.108	mg/L	0.0050	73	90	110			S
Sample ID: B07061700-003DMS	Sample Matrix Spike				Run: SUB-B95348				06/20/07 10:49
Cyanide, Total	0.113	mg/L	0.0050	113	90	110			S
Sample ID: B07061700-003DMSD	Sample Matrix Spike Duplicate				Run: SUB-B95348				06/20/07 10:51
Cyanide, Total	0.114	mg/L	0.0050	114	90	110			S
Method: Kelada mod									Analytical Run: SUB-B95421
Sample ID: ICV-1	Initial Calibration Verification Standard								06/21/07 10:24
Cyanide, Total	0.147	mg/L	0.0050	98	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-001
Client Sample ID: SIMW-2

Report Date: 06/26/07
Collection Date: 06/15/07 18:00
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	06/20/07 16:17 / jdh
Acrylonitrile	ND	ug/L		20		SW8260B	06/20/07 16:17 / jdh
Benzene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Bromoform	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Bromomethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Chloroethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Chloroform	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Chloromethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Dibromomethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Dichlorodifluoromethane	0.23	ug/L	J	1.0		SW8260B	06/20/07 16:17 / jdh
1,1-Dichloroethane	0.23	ug/L	J	1.0		SW8260B	06/20/07 16:17 / jdh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Ethylbenzene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
2-Hexanone	ND	ug/L		20		SW8260B	06/20/07 16:17 / jdh
Iodomethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/20/07 16:17 / jdh
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/20/07 16:17 / jdh
Methylene chloride	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Styrene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Toluene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
1,1,1-Trichloroethane	0.64	ug/L	J	1.0		SW8260B	06/20/07 16:17 / jdh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh

Report RL - Analyte reporting limit.

MCL - Maximum contaminant level.

Definitions: QCL - Quality control limit.

ND - Not detected at the reporting limit.

J - Estimated value. The analyte was present but less than the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-001
Client Sample ID: SIMW-2

Report Date: 06/26/07
Collection Date: 06/15/07 18:00
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Trichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Trichlorofluoromethane	0.22	ug/L	J	1.0		SW8260B	06/20/07 16:17 / jdh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
o-Xylene	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/20/07 16:17 / jdh
Surr: 1,2-Dichloroethane-d4	119	%REC			70-130	SW8260B	06/20/07 16:17 / jdh
Surr: Dibromofluoromethane	99.0	%REC			70-130	SW8260B	06/20/07 16:17 / jdh
Surr: p-Bromofluorobenzene	101	%REC			70-130	SW8260B	06/20/07 16:17 / jdh
Surr: Toluene-d8	95.0	%REC			70-130	SW8260B	06/20/07 16:17 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.

J - Estimated value. The analyte was present but less than the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-002
Client Sample ID: SIMW-3

Report Date: 06/26/07
Collection Date: 06/15/07 18:45
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	06/20/07 16:46 / jdh
Acrylonitrile	ND	ug/L		20		SW8260B	06/20/07 16:46 / jdh
Benzene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Bromoform	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Bromomethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Chloroethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Chloroform	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Chloromethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Dibromomethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Dichlorodifluoromethane	0.38	ug/L	J	1.0		SW8260B	06/20/07 16:46 / jdh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Ethylbenzene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
2-Hexanone	ND	ug/L		20		SW8260B	06/20/07 16:46 / jdh
Iodomethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/20/07 16:46 / jdh
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/20/07 16:46 / jdh
Methylene chloride	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Styrene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Toluene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
1,1,1-Trichloroethane	0.61	ug/L	J	1.0		SW8260B	06/20/07 16:46 / jdh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

J - Estimated value. The analyte was present but less than the reporting limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-002
Client Sample ID: SIMW-3

Report Date: 06/26/07
Collection Date: 06/15/07 18:45
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Trichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Trichlorofluoromethane	1.0	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
o-Xylene	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/20/07 16:46 / jdh
Surr: 1,2-Dichloroethane-d4	120	%REC			70-130	SW8260B	06/20/07 16:46 / jdh
Surr: Dibromofluoromethane	104	%REC			70-130	SW8260B	06/20/07 16:46 / jdh
Surr: p-Bromofluorobenzene	109	%REC			70-130	SW8260B	06/20/07 16:46 / jdh
Surr: Toluene-d8	103	%REC			70-130	SW8260B	06/20/07 16:46 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-003
Client Sample ID: SIMW-4

Report Date: 06/26/07
Collection Date: 06/15/07 19:30
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Acetone	12	ug/L	J	20		SW8260B	06/20/07 17:15 / jdh
Acrylonitrile	ND	ug/L		20		SW8260B	06/20/07 17:15 / jdh
Benzene	0.34	ug/L	J	1.0		SW8260B	06/20/07 17:15 / jdh
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Bromoform	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Bromomethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Chloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Chloroform	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Chloromethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Dibromomethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,4-Dichlorobenzene	0.43	ug/L	J	1.0		SW8260B	06/20/07 17:15 / jdh
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
cis-1,2-Dichloroethene	0.82	ug/L	J	1.0		SW8260B	06/20/07 17:15 / jdh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Ethylbenzene	0.48	ug/L	J	1.0		SW8260B	06/20/07 17:15 / jdh
2-Hexanone	ND	ug/L		20		SW8260B	06/20/07 17:15 / jdh
Iodomethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Methyl ethyl ketone	11	ug/L	J	20		SW8260B	06/20/07 17:15 / jdh
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/20/07 17:15 / jdh
Methylene chloride	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Styrene	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Toluene	1.2	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh

Report RL - Analyte reporting limit.

MCL - Maximum contaminant level.

Definitions: QCL - Quality control limit.

ND - Not detected at the reporting limit.

J - Estimated value. The analyte was present but less than the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-003
Client Sample ID: SIMW-4

Report Date: 06/26/07
Collection Date: 06/15/07 19:30
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Trichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
m+p-Xylenes	0.80	ug/L	J	1.0		SW8260B	06/20/07 17:15 / jdh
o-Xylene	0.42	ug/L	J	1.0		SW8260B	06/20/07 17:15 / jdh
Xylenes, Total	1.2	ug/L		1.0		SW8260B	06/20/07 17:15 / jdh
Surr: 1,2-Dichloroethane-d4	122	%REC			70-130	SW8260B	06/20/07 17:15 / jdh
Surr: Dibromofluoromethane	98.0	%REC			70-130	SW8260B	06/20/07 17:15 / jdh
Surr: p-Bromofluorobenzene	107	%REC			70-130	SW8260B	06/20/07 17:15 / jdh
Surr: Toluene-d8	103	%REC			70-130	SW8260B	06/20/07 17:15 / jdh

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.
 J - Estimated value. The analyte was present but less than the reporting limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-004
Client Sample ID: SIMW-4D

Report Date: 06/26/07
Collection Date: 06/15/07 19:30
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Acetone	14	ug/L	J	20		SW8260B	06/20/07 17:45 / jdh
Acrylonitrile	ND	ug/L		20		SW8260B	06/20/07 17:45 / jdh
Benzene	0.33	ug/L	J	1.0		SW8260B	06/20/07 17:45 / jdh
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Bromoform	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Bromomethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Chloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Chloroform	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Chloromethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Dibromomethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,4-Dichlorobenzene	0.39	ug/L	J	1.0		SW8260B	06/20/07 17:45 / jdh
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
cis-1,2-Dichloroethene	0.85	ug/L	J	1.0		SW8260B	06/20/07 17:45 / jdh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Ethylbenzene	0.48	ug/L	J	1.0		SW8260B	06/20/07 17:45 / jdh
2-Hexanone	ND	ug/L		20		SW8260B	06/20/07 17:45 / jdh
Iodomethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Methyl ethyl ketone	13	ug/L	J	20		SW8260B	06/20/07 17:45 / jdh
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/20/07 17:45 / jdh
Methylene chloride	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Styrene	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Toluene	1.2	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

J - Estimated value. The analyte was present but less than the reporting limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-004
Client Sample ID: SIMW-4D

Report Date: 06/26/07
Collection Date: 06/15/07 19:30
Date Received: 06/18/07
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Trichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
m+p-Xylenes	0.81	ug/L	J	1.0		SW8260B	06/20/07 17:45 / jdh
o-Xylene	0.41	ug/L	J	1.0		SW8260B	06/20/07 17:45 / jdh
Xylenes, Total	1.2	ug/L		1.0		SW8260B	06/20/07 17:45 / jdh
Surr: 1,2-Dichloroethane-d4	122	%REC			70-130	SW8260B	06/20/07 17:45 / jdh
Surr: Dibromofluoromethane	98.0	%REC			70-130	SW8260B	06/20/07 17:45 / jdh
Surr: p-Bromofluorobenzene	108	%REC			70-130	SW8260B	06/20/07 17:45 / jdh
Surr: Toluene-d8	104	%REC			70-130	SW8260B	06/20/07 17:45 / jdh

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.
 J - Estimated value. The analyte was present but less than the reporting limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-005
Client Sample ID: Trip Blank TB041107jmb-4

Report Date: 06/26/07
Collection Date: 06/15/07 19:30
Date Received: 06/18/07
Matrix: Trip Blank

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	06/20/07 11:23 / jdh
Acrylonitrile	ND	ug/L		20		SW8260B	06/20/07 11:23 / jdh
Benzene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Bromoform	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Bromomethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Chloroethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Chloroform	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Chloromethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Dibromomethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Ethylbenzene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
2-Hexanone	ND	ug/L		20		SW8260B	06/20/07 11:23 / jdh
Iodomethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/20/07 11:23 / jdh
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/20/07 11:23 / jdh
Methylene chloride	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Styrene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Toluene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh

Report RL - Analyte reporting limit.

MCL - Maximum contaminant level.

Definitions: QCL - Quality control limit.

ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H07060169-005
Client Sample ID: Trip Blank TB041107jmb-4

Report Date: 06/26/07
Collection Date: 06/15/07 19:30
Date Received: 06/18/07
Matrix: Trip Blank

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Trichloroethene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
m+p-Xylenes	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
o-Xylene	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/20/07 11:23 / jdh
Surr: 1,2-Dichloroethane-d4	123	%REC			70-130	SW8260B	06/20/07 11:23 / jdh
Surr: Dibromofluoromethane	99.0	%REC			70-130	SW8260B	06/20/07 11:23 / jdh
Surr: p-Bromofluorobenzene	106	%REC			70-130	SW8260B	06/20/07 11:23 / jdh
Surr: Toluene-d8	100	%REC			70-130	SW8260B	06/20/07 11:23 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/26/07

Project: Sanitation Inc. Landfill

Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B			Analytical Run: 1SATURN_070620A						
Sample ID: CCV062007A	Continuing Calibration Verification Standard								06/20/07 08:40
Acetone	45.2	ug/L	20	90	70	130			
Acrylonitrile	44.8	ug/L	20	90	70	130			
Benzene	4.56	ug/L	1.0	91	70	130			
Bromochloromethane	4.84	ug/L	1.0	97	70	130			
Bromodichloromethane	4.64	ug/L	1.0	93	70	130			
Bromoform	4.60	ug/L	1.0	92	70	130			
Bromomethane	4.52	ug/L	1.0	90	70	130			
Carbon disulfide	4.52	ug/L	1.0	90	70	130			
Carbon tetrachloride	4.80	ug/L	1.0	96	70	130			
Chlorobenzene	4.48	ug/L	1.0	90	70	130			
Chlorodibromomethane	4.96	ug/L	1.0	99	70	130			
Chloroethane	4.92	ug/L	1.0	98	70	130			
Chloroform	4.56	ug/L	1.0	91	80	120			
Chloromethane	5.72	ug/L	1.0	114	70	130			
1,2-Dibromo-3-chloropropane	3.87	ug/L	1.0	77	70	130			
1,2-Dibromoethane	5.64	ug/L	1.0	113	70	130			
Dibromomethane	4.60	ug/L	1.0	92	70	130			
1,2-Dichlorobenzene	4.68	ug/L	1.0	94	70	130			
1,4-Dichlorobenzene	4.80	ug/L	1.0	96	70	130			
trans-1,4-Dichloro-2-butene	5.48	ug/L	1.0	110	70	130			
Dichlorodifluoromethane	5.40	ug/L	1.0	108	70	130			
1,1-Dichloroethane	5.16	ug/L	1.0	103	70	130			
1,2-Dichloroethane	4.72	ug/L	1.0	94	70	130			
1,1-Dichloroethene	4.88	ug/L	1.0	98	80	120			
cis-1,2-Dichloroethene	4.88	ug/L	1.0	98	70	130			
trans-1,2-Dichloroethene	4.80	ug/L	1.0	96	70	130			
1,2-Dichloropropane	4.80	ug/L	1.0	96	80	120			
cis-1,3-Dichloropropene	4.48	ug/L	1.0	90	70	130			
trans-1,3-Dichloropropene	4.64	ug/L	1.0	93	70	130			
Ethylbenzene	4.44	ug/L	1.0	89	80	120			
2-Hexanone	45.2	ug/L	20	90	70	130			
Iodomethane	4.36	ug/L	1.0	87	70	130			
Methyl ethyl ketone	49.6	ug/L	20	99	70	130			
Methyl isobutyl ketone	46.8	ug/L	20	94	70	130			
Methylene chloride	4.40	ug/L	1.0	88	70	130			
Styrene	4.52	ug/L	1.0	90	70	130			
1,1,1,2-Tetrachloroethane	4.60	ug/L	1.0	92	70	130			
1,1,2,2-Tetrachloroethane	4.48	ug/L	1.0	90	70	130			
Tetrachloroethene	4.64	ug/L	1.0	93	70	130			
Toluene	4.56	ug/L	1.0	91	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/26/07
Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
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Method: SW8260B

Analytical Run: 1SATURN_070620A

Sample ID: CCV062007A

Continuing Calibration Verification Standard

06/20/07 08:40

1,1,1-Trichloroethane	4.84	ug/L	1.0	97	70	130			
1,1,2-Trichloroethane	4.32	ug/L	1.0	86	70	130			
Trichloroethene	4.72	ug/L	1.0	94	70	130			
Trichlorofluoromethane	6.24	ug/L	1.0	125	70	130			
1,2,3-Trichloropropane	5.84	ug/L	1.0	117	70	130			
Vinyl acetate	4.12	ug/L	1.0	82	70	130			
Vinyl chloride	5.68	ug/L	1.0	114	80	120			
m+p-Xylenes	9.16	ug/L	1.0	92	70	130			
o-Xylene	4.36	ug/L	1.0	87	70	130			
Xylenes, Total	13.5	ug/L	1.0	90	70	130			
Surr: 1,2-Dichloroethane-d4			1.0	99	70	130			
Surr: Dibromofluoromethane			1.0	95	70	130			
Surr: p-Bromofluorobenzene			1.0	108	70	130			
Surr: Toluene-d8			1.0	104	70	130			

Method: SW8260B

Batch: R38099

Sample ID: LCS062007A

Laboratory Control Sample

Run: 1SATURN_070620A

06/20/07 09:18

Acetone	51.2	ug/L	20	102	70	130			
Acrylonitrile	45.2	ug/L	20	90	70	130			
Benzene	4.76	ug/L	1.0	95	70	130			
Bromochloromethane	4.80	ug/L	1.0	96	70	130			
Bromodichloromethane	4.60	ug/L	1.0	92	70	130			
Bromoform	4.80	ug/L	1.0	96	70	130			
Bromomethane	3.92	ug/L	1.0	78	70	130			
Carbon disulfide	5.28	ug/L	1.0	106	70	130			
Carbon tetrachloride	4.88	ug/L	1.0	98	70	130			
Chlorobenzene	4.72	ug/L	1.0	94	70	130			
Chlorodibromomethane	5.04	ug/L	1.0	101	70	130			
Chloroethane	4.00	ug/L	1.0	80	70	130			
Chloroform	4.40	ug/L	1.0	88	70	130			
Chloromethane	4.80	ug/L	1.0	96	70	130			
1,2-Dibromo-3-chloropropane	4.40	ug/L	1.0	88	70	130			
1,2-Dibromoethane	6.48	ug/L	1.0	130	70	130			
Dibromomethane	4.88	ug/L	1.0	98	70	130			
1,2-Dichlorobenzene	4.96	ug/L	1.0	99	70	130			
1,4-Dichlorobenzene	5.08	ug/L	1.0	102	70	130			
trans-1,4-Dichloro-2-butene	5.24	ug/L	1.0	105	70	130			
Dichlorodifluoromethane	4.76	ug/L	1.0	95	70	130			
1,1-Dichloroethane	5.08	ug/L	1.0	102	70	130			
1,2-Dichloroethane	4.96	ug/L	1.0	99	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/26/07

Project: Sanitation Inc. Landfill

Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: R38099		
Sample ID: LCS062007A	Laboratory Control Sample				Run: 1SATURN_070620A		06/20/07 09:18		
1,1-Dichloroethene	4.64	ug/L	1.0	93	70	130			
cis-1,2-Dichloroethene	4.52	ug/L	1.0	90	70	130			
trans-1,2-Dichloroethene	5.08	ug/L	1.0	102	70	130			
1,2-Dichloropropane	5.28	ug/L	1.0	106	70	130			
cis-1,3-Dichloropropene	4.84	ug/L	1.0	97	70	130			
trans-1,3-Dichloropropene	4.84	ug/L	1.0	97	70	130			
Ethylbenzene	4.68	ug/L	1.0	94	70	130			
2-Hexanone	56.0	ug/L	20	112	70	130			
Iodomethane	4.44	ug/L	1.0	89	70	130			
Methyl ethyl ketone	52.0	ug/L	20	104	70	130			
Methyl isobutyl ketone	52.4	ug/L	20	105	70	130			
Methylene chloride	4.24	ug/L	1.0	85	70	130			
Styrene	4.80	ug/L	1.0	96	70	130			
1,1,1,2-Tetrachloroethane	5.00	ug/L	1.0	100	70	130			
1,1,2,2-Tetrachloroethane	4.72	ug/L	1.0	94	70	130			
Tetrachloroethene	4.84	ug/L	1.0	97	70	130			
Toluene	4.80	ug/L	1.0	96	70	130			
1,1,1-Trichloroethane	4.72	ug/L	1.0	94	70	130			
1,1,2-Trichloroethane	4.72	ug/L	1.0	94	70	130			
Trichloroethene	5.00	ug/L	1.0	100	70	130			
Trichlorofluoromethane	5.48	ug/L	1.0	110	70	130			
1,2,3-Trichloropropane	6.44	ug/L	1.0	129	70	130			
Vinyl acetate	4.00	ug/L	1.0	80	70	130			
Vinyl chloride	4.84	ug/L	1.0	97	70	130			
m+p-Xylenes	9.44	ug/L	1.0	94	70	130			
o-Xylene	4.64	ug/L	1.0	93	70	130			
Xylenes, Total	14.1	ug/L	1.0	94	70	130			
Surr: 1,2-Dichloroethane-d4			1.0	94	70	130			
Surr: Dibromofluoromethane			1.0	96	70	130			
Surr: p-Bromofluorobenzene			1.0	106	70	130			
Surr: Toluene-d8			1.0	104	70	130			
Sample ID: MBLK062007A	Method Blank				Run: 1SATURN_070620A		06/20/07 10:53		
Acetone	ND	ug/L	20						
Acrylonitrile	ND	ug/L	20						
Benzene	ND	ug/L	1.0						
Bromochloromethane	ND	ug/L	1.0						
Bromodichloromethane	ND	ug/L	1.0						
Bromoform	ND	ug/L	1.0						
Bromomethane	ND	ug/L	1.0						
Carbon disulfide	ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/26/07

Project: Sanitation Inc. Landfill

Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R38099
Sample ID: MBLK062007A	Method Blank		Run: 1SATURN_070620A				06/20/07 10:53		
Carbon tetrachloride	ND	ug/L	1.0						
Chlorobenzene	ND	ug/L	1.0						
Chlorodibromomethane	ND	ug/L	1.0						
Chloroethane	ND	ug/L	1.0						
Chloroform	ND	ug/L	1.0						
Chloromethane	ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0						
1,2-Dibromoethane	ND	ug/L	1.0						
Dibromomethane	ND	ug/L	1.0						
1,2-Dichlorobenzene	ND	ug/L	1.0						
1,4-Dichlorobenzene	ND	ug/L	1.0						
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0						
Dichlorodifluoromethane	ND	ug/L	1.0						
1,1-Dichloroethane	ND	ug/L	1.0						
1,2-Dichloroethane	ND	ug/L	1.0						
1,1-Dichloroethene	ND	ug/L	1.0						
cis-1,2-Dichloroethene	ND	ug/L	1.0						
trans-1,2-Dichloroethene	ND	ug/L	1.0						
1,2-Dichloropropane	ND	ug/L	1.0						
cis-1,3-Dichloropropene	ND	ug/L	1.0						
trans-1,3-Dichloropropene	ND	ug/L	1.0						
Ethylbenzene	ND	ug/L	1.0						
2-Hexanone	ND	ug/L	20						
Iodomethane	ND	ug/L	1.0						
Methyl ethyl ketone	ND	ug/L	20						
Methyl isobutyl ketone	ND	ug/L	20						
Methylene chloride	ND	ug/L	1.0						
Styrene	ND	ug/L	1.0						
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0						
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0						
Tetrachloroethene	ND	ug/L	1.0						
Toluene	ND	ug/L	1.0						
1,1,1-Trichloroethane	ND	ug/L	1.0						
1,1,2-Trichloroethane	ND	ug/L	1.0						
Trichloroethene	ND	ug/L	1.0						
Trichlorofluoromethane	ND	ug/L	1.0						
1,2,3-Trichloropropane	ND	ug/L	1.0						
Vinyl acetate	ND	ug/L	1.0						
Vinyl chloride	ND	ug/L	1.0						
m+p-Xylenes	ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/26/07

Project: Sanitation Inc. Landfill

Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R38099
Sample ID: MBLK062007A	Method Blank		Run: 1SATURN_070620A				06/20/07 10:53		
o-Xylene	ND	ug/L	1.0						
Xylenes, Total	ND	ug/L	1.0						
Surr: 1,2-Dichloroethane-d4			1.0	116	70	130			
Surr: Dibromofluoromethane			1.0	95	70	130			
Surr: p-Bromofluorobenzene			1.0	108	70	130			
Surr: Toluene-d8			1.0	104	70	130			
Sample ID: LCS061807B									06/18/07 16:35
Laboratory Control Sample			Run: 1SATURN_070620A						
Acetone	49.6	ug/L	20	99	70	130			
Acrylonitrile	47.2	ug/L	20	94	70	130			
Benzene	4.68	ug/L	1.0	94	70	130			
Bromochloromethane	5.00	ug/L	1.0	100	70	130			
Bromodichloromethane	4.52	ug/L	1.0	90	70	130			
Bromoform	5.04	ug/L	1.0	101	70	130			
Bromomethane	5.08	ug/L	1.0	102	70	130			
Carbon disulfide	5.20	ug/L	1.0	104	70	130			
Carbon tetrachloride	4.80	ug/L	1.0	96	70	130			
Chlorobenzene	4.56	ug/L	1.0	91	70	130			
Chlorodibromomethane	4.88	ug/L	1.0	98	70	130			
Chloroethane	4.72	ug/L	1.0	94	70	130			
Chloroform	4.52	ug/L	1.0	90	70	130			
Chloromethane	5.00	ug/L	1.0	100	70	130			
1,2-Dibromo-3-chloropropane	4.52	ug/L	1.0	90	70	130			
1,2-Dibromoethane	6.16	ug/L	1.0	123	70	130			
Dibromomethane	4.56	ug/L	1.0	91	70	130			
1,2-Dichlorobenzene	4.72	ug/L	1.0	94	70	130			
1,4-Dichlorobenzene	4.92	ug/L	1.0	98	70	130			
trans-1,4-Dichloro-2-butene	5.12	ug/L	1.0	102	70	130			
Dichlorodifluoromethane	4.44	ug/L	1.0	89	70	130			
1,1-Dichloroethane	5.12	ug/L	1.0	102	70	130			
1,2-Dichloroethane	5.20	ug/L	1.0	104	70	130			
1,1-Dichloroethene	4.76	ug/L	1.0	95	70	130			
cis-1,2-Dichloroethene	4.80	ug/L	1.0	96	70	130			
trans-1,2-Dichloroethene	5.04	ug/L	1.0	101	70	130			
1,2-Dichloropropane	4.88	ug/L	1.0	98	70	130			
cis-1,3-Dichloropropene	4.64	ug/L	1.0	93	70	130			
trans-1,3-Dichloropropene	4.80	ug/L	1.0	96	70	130			
Ethylbenzene	4.44	ug/L	1.0	89	70	130			
2-Hexanone	50.4	ug/L	20	101	70	130			
Iodomethane	4.36	ug/L	1.0	87	70	130			
Methyl ethyl ketone	50.0	ug/L	20	100	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/26/07

Project: Sanitation Inc. Landfill

Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: R38099		
Sample ID: LCS061807B	Laboratory Control Sample				Run: 1SATURN_070620A			06/18/07 16:35	
Methyl isobutyl ketone	48.8	ug/L	20	98	70	130			
Methylene chloride	4.40	ug/L	1.0	88	70	130			
Styrene	4.80	ug/L	1.0	96	70	130			
1,1,1,2-Tetrachloroethane	4.72	ug/L	1.0	94	70	130			
1,1,2,2-Tetrachloroethane	4.92	ug/L	1.0	98	70	130			
Tetrachloroethene	4.72	ug/L	1.0	94	70	130			
Toluene	4.44	ug/L	1.0	89	70	130			
1,1,1-Trichloroethane	4.80	ug/L	1.0	96	70	130			
1,1,2-Trichloroethane	4.76	ug/L	1.0	95	70	130			
Trichloroethene	4.72	ug/L	1.0	94	70	130			
Trichlorofluoromethane	5.12	ug/L	1.0	102	70	130			
1,2,3-Trichloropropane	6.32	ug/L	1.0	126	70	130			
Vinyl acetate	4.48	ug/L	1.0	90	70	130			
Vinyl chloride	4.64	ug/L	1.0	93	70	130			
m+p-Xylenes	8.68	ug/L	1.0	87	70	130			
o-Xylene	4.52	ug/L	1.0	90	70	130			
Xylenes, Total	13.2	ug/L	1.0	88	70	130			
Surr: 1,2-Dichloroethane-d4			1.0	98	70	130			
Surr: Dibromofluoromethane			1.0	94	70	130			
Surr: p-Bromofluorobenzene			1.0	104	70	130			
Surr: Toluene-d8			1.0	99	70	130			
Sample ID: MBLK061807A	Method Blank				Run: 1SATURN_070620A			06/18/07 17:41	
Acetone	ND	ug/L	20						
Acrylonitrile	ND	ug/L	20						
Benzene	ND	ug/L	1.0						
Bromochloromethane	ND	ug/L	1.0						
Bromodichloromethane	ND	ug/L	1.0						
Bromoform	ND	ug/L	1.0						
Bromomethane	ND	ug/L	1.0						
Carbon disulfide	ND	ug/L	1.0						
Carbon tetrachloride	ND	ug/L	1.0						
Chlorobenzene	ND	ug/L	1.0						
Chlorodibromomethane	ND	ug/L	1.0						
Chloroethane	ND	ug/L	1.0						
Chloroform	ND	ug/L	1.0						
Chloromethane	ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0						
1,2-Dibromoethane	ND	ug/L	1.0						
Dibromomethane	ND	ug/L	1.0						
1,2-Dichlorobenzene	ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. LandfillReport Date: 06/26/07
Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R38099
Sample ID: MBLK061807A	Method Blank					Run: 1SATURN_070620A			06/18/07 17:41
1,4-Dichlorobenzene	ND	ug/L		1.0					
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0					
Dichlorodifluoromethane	ND	ug/L		1.0					
1,1-Dichloroethane	ND	ug/L		1.0					
1,2-Dichloroethane	ND	ug/L		1.0					
1,1-Dichloroethene	ND	ug/L		1.0					
cis-1,2-Dichloroethene	ND	ug/L		1.0					
trans-1,2-Dichloroethene	ND	ug/L		1.0					
1,2-Dichloropropane	ND	ug/L		1.0					
cis-1,3-Dichloropropene	ND	ug/L		1.0					
trans-1,3-Dichloropropene	ND	ug/L		1.0					
Ethylbenzene	ND	ug/L		1.0					
2-Hexanone	ND	ug/L		20					
Iodomethane	ND	ug/L		1.0					
Methyl ethyl ketone	ND	ug/L		20					
Methyl isobutyl ketone	ND	ug/L		20					
Methylene chloride	ND	ug/L		1.0					
Styrene	ND	ug/L		1.0					
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0					
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0					
Tetrachloroethene	ND	ug/L		1.0					
Toluene	ND	ug/L		1.0					
1,1,1-Trichloroethane	ND	ug/L		1.0					
1,1,2-Trichloroethane	ND	ug/L		1.0					
Trichloroethene	ND	ug/L		1.0					
Trichlorofluoromethane	ND	ug/L		1.0					
1,2,3-Trichloropropane	ND	ug/L		1.0					
Vinyl acetate	ND	ug/L		1.0					
Vinyl chloride	ND	ug/L		1.0					
m+p-Xylenes	ND	ug/L		1.0					
o-Xylene	ND	ug/L		1.0					
Xylenes, Total	ND	ug/L		1.0					
Surr: 1,2-Dichloroethane-d4			1.0	110	70	130			
Surr: Dibromofluoromethane			1.0	96	70	130			
Surr: p-Bromofluorobenzene			1.0	105	70	130			
Surr: Toluene-d8			1.0	96	70	130			
Sample ID: H07060164-001AMS	Sample Matrix Spike					Run: 1SATURN_070620A			06/19/07 03:02
Acetone	104	ug/L	40	104	70	130			
Acrylonitrile	96.0	ug/L	40	96	70	130			
Benzene	9.60	ug/L	2.0	96	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 06/26/07
 Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: R38099		
Sample ID: H07060164-001AMS	Sample Matrix Spike		Run: 1SATURN_070620A				06/19/07 03:02		
Bromochloromethane	10.2	ug/L	2.0	102	70	130			
Bromodichloromethane	10.1	ug/L	2.0	101	70	130			
Bromoform	10.2	ug/L	2.0	102	70	130			
Bromomethane	8.72	ug/L	2.0	87	70	130			
Carbon disulfide	11.7	ug/L	2.0	117	70	130			
Carbon tetrachloride	9.52	ug/L	2.0	95	70	130			
Chlorobenzene	9.92	ug/L	2.0	99	70	130			
Chlorodibromomethane	11.4	ug/L	2.0	114	70	130			
Chloroethane	9.04	ug/L	2.0	90	70	130			
Chloroform	9.44	ug/L	2.0	94	70	130			
Chloromethane	9.76	ug/L	2.0	98	70	130			
1,2-Dibromo-3-chloropropane	8.88	ug/L	2.0	89	70	130			
1,2-Dibromoethane	13.6	ug/L	2.0	136	70	130			S
Dibromomethane	10.5	ug/L	2.0	105	70	130			
1,2-Dichlorobenzene	9.68	ug/L	2.0	97	70	130			
1,4-Dichlorobenzene	9.84	ug/L	2.0	98	70	130			
trans-1,4-Dichloro-2-butene	10.1	ug/L	2.0	101	70	130			
Dichlorodifluoromethane	9.36	ug/L	2.0	94	70	130			
1,1-Dichloroethane	10.4	ug/L	2.0	102	70	130			
1,2-Dichloroethane	10.8	ug/L	2.0	108	70	130			
1,1-Dichloroethene	9.60	ug/L	2.0	96	70	130			
cis-1,2-Dichloroethene	9.68	ug/L	2.0	97	70	130			
trans-1,2-Dichloroethene	10.1	ug/L	2.0	101	70	130			
1,2-Dichloropropane	11.5	ug/L	2.0	115	70	130			
cis-1,3-Dichloropropene	9.68	ug/L	2.0	97	70	130			
trans-1,3-Dichloropropene	11.0	ug/L	2.0	110	70	130			
Ethylbenzene	9.92	ug/L	2.0	99	70	130			
2-Hexanone	115	ug/L	40	115	70	130			
Iodomethane	9.52	ug/L	2.0	95	70	130			
Methyl ethyl ketone	108	ug/L	40	108	70	130			
Methyl isobutyl ketone	111	ug/L	40	111	70	130			
Methylene chloride	8.80	ug/L	2.0	88	70	130			
Styrene	10.2	ug/L	2.0	102	70	130			
1,1,1,2-Tetrachloroethane	11.0	ug/L	2.0	110	70	130			
1,1,2,2-Tetrachloroethane	10.2	ug/L	2.0	102	70	130			
Tetrachloroethene	11.1	ug/L	2.0	102	70	130			
Toluene	9.92	ug/L	2.0	99	70	130			
1,1,1-Trichloroethane	10.2	ug/L	2.0	102	70	130			
1,1,2-Trichloroethane	10.5	ug/L	2.0	105	70	130			
Trichloroethene	11.0	ug/L	2.0	108	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. LandfillReport Date: 06/26/07
Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R38099
Sample ID: H07060164-001AMS	Sample Matrix Spike		Run: 1SATURN_070620A				06/19/07 03:02		
Trichlorofluoromethane	11.7	ug/L	2.0	117	70	130			
1,2,3-Trichloropropane	13.4	ug/L	2.0	134	70	130			S
Vinyl acetate	8.88	ug/L	2.0	89	70	130			
Vinyl chloride	10.2	ug/L	2.0	102	70	130			
m+p-Xylenes	19.5	ug/L	2.0	98	70	130			
o-Xylene	10.1	ug/L	2.0	101	70	130			
Xylenes, Total	29.6	ug/L	2.0	99	70	130			
Surr: 1,2-Dichloroethane-d4			2.0	104	70	130			
Surr: Dibromofluoromethane			2.0	92	70	130			
Surr: p-Bromofluorobenzene			2.0	99	70	130			
Surr: Toluene-d8			2.0	107	70	130			
Sample ID: H07060164-001AMSD	Sample Matrix Spike Duplicate		Run: 1SATURN_070620A				06/19/07 03:31		
Acetone	92.8	ug/L	40	93	70	130	11	20	
Acrylonitrile	86.4	ug/L	40	86	70	130	11	20	
Benzene	9.52	ug/L	2.0	95	70	130	0.8	20	
Bromochloromethane	10.0	ug/L	2.0	100	70	130	1.6	20	
Bromodichloromethane	9.76	ug/L	2.0	98	70	130	3.2	20	
Bromoform	9.20	ug/L	2.0	92	70	130	11	20	
Bromomethane	9.44	ug/L	2.0	94	70	130	7.9	20	
Carbon disulfide	10.0	ug/L	2.0	100	70	130	15	20	
Carbon tetrachloride	9.52	ug/L	2.0	95	70	130	0.0	20	
Chlorobenzene	9.44	ug/L	2.0	94	70	130	5.0	20	
Chlorodibromomethane	10.6	ug/L	2.0	106	70	130	7.3	20	
Chloroethane	9.04	ug/L	2.0	90	70	130	0.0	20	
Chloroform	9.12	ug/L	2.0	91	70	130	3.4	20	
Chloromethane	9.92	ug/L	2.0	99	70	130	1.6	20	
1,2-Dibromo-3-chloropropane	8.24	ug/L	2.0	82	70	130	7.5	20	
1,2-Dibromoethane	12.3	ug/L	2.0	123	70	130	9.9	20	
Dibromomethane	10.1	ug/L	2.0	101	70	130	3.9	20	
1,2-Dichlorobenzene	9.92	ug/L	2.0	99	70	130	2.4	20	
1,4-Dichlorobenzene	9.36	ug/L	2.0	94	70	130	5.0	20	
trans-1,4-Dichloro-2-butene	9.44	ug/L	2.0	94	70	130	6.6	20	
Dichlorodifluoromethane	9.76	ug/L	2.0	98	70	130	4.2	20	
1,1-Dichloroethane	9.84	ug/L	2.0	96	70	130	5.5	20	
1,2-Dichloroethane	10.0	ug/L	2.0	100	70	130	7.7	20	
1,1-Dichloroethene	8.96	ug/L	2.0	90	70	130	6.9	20	
cis-1,2-Dichloroethene	9.12	ug/L	2.0	91	70	130	6.0	20	
trans-1,2-Dichloroethene	9.44	ug/L	2.0	94	70	130	6.6	20	
1,2-Dichloropropane	10.5	ug/L	2.0	105	70	130	9.5	20	
cis-1,3-Dichloropropene	9.44	ug/L	2.0	94	70	130	2.5	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/26/07

Project: Sanitation Inc. Landfill

Work Order: H07060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: R38099
Sample ID: H07060164-001AMSD	Sample Matrix Spike Duplicate			Run: 1SATURN_070620A				06/19/07 03:31	
trans-1,3-Dichloropropene	10.5	ug/L	2.0	105	70	130	4.5	20	
Ethylbenzene	9.20	ug/L	2.0	92	70	130	7.5	20	
2-Hexanone	110	ug/L	40	110	70	130	4.3	20	
Iodomethane	8.64	ug/L	2.0	86	70	130	9.7	20	
Methyl ethyl ketone	99.2	ug/L	40	99	70	130	8.5	20	
Methyl isobutyl ketone	106	ug/L	40	106	70	130	4.4	20	
Methylene chloride	8.32	ug/L	2.0	83	70	130	5.6	20	
Styrene	9.36	ug/L	2.0	94	70	130	8.2	20	
1,1,1,2-Tetrachloroethane	10.3	ug/L	2.0	103	70	130	6.0	20	
1,1,2,2-Tetrachloroethane	9.12	ug/L	2.0	91	70	130	12	20	
Tetrachloroethene	10.2	ug/L	2.0	92	70	130	9.0	20	
Toluene	9.60	ug/L	2.0	96	70	130	3.3	20	
1,1,1-Trichloroethane	9.12	ug/L	2.0	91	70	130	11	20	
1,1,2-Trichloroethane	9.92	ug/L	2.0	99	70	130	5.5	20	
Trichloroethene	10.3	ug/L	2.0	100	70	130	6.7	20	
Trichlorofluoromethane	11.1	ug/L	2.0	111	70	130	4.9	20	
1,2,3-Trichloropropane	12.2	ug/L	2.0	122	70	130	9.4	20	
Vinyl acetate	7.78	ug/L	2.0	78	70	130	13	20	
Vinyl chloride	10.6	ug/L	2.0	106	70	130	3.1	20	
m+p-Xylenes	18.5	ug/L	2.0	92	70	130	5.5	20	
o-Xylene	9.04	ug/L	2.0	90	70	130	11	20	
Xylenes, Total	27.5	ug/L	2.0	92	70	130	7.3	20	
Surr: 1,2-Dichloroethane-d4			2.0	100	70	130	0.0	20	
Surr: Dibromofluoromethane			2.0	98	70	130	0.0	20	
Surr: p-Bromofluorobenzene			2.0	100	70	130	0.0	20	
Surr: Toluene-d8			2.0	102	70	130	0.0	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: Barry Damschen			Project Name, PWS #, Permit #, Etc.: Sanitation Inc. Landfill																																																																																																																																																																																																																																	
Report Mail Address: 5531 York Road Helena, MT 59602			Contact Name, Phone, Fax, E-mail: Barry Damschen 461-5003					Sampler Name if other than Contact:																																																																																																																																																																																																																												
Invoice Address: Bill Spojia Sanitation Inc P.O. Box 882 Lewistown, MT 59459			Invoice Contact & Phone #: Bill Spojia 538-8767					Purchase Order #:		ELI Quote #:																																																																																																																																																																																																																										
Report Required For: POTW/WWTP ☐ DW ☐ Other MT DEQ SW Special Report Formats - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____ EDD/EDT ☐ Format _____			Number of Containers Sample Type: A W S V B O Air Water Soils/Solids Vegetation Bioassay Other		ANALYSIS REQUESTED SEE ATTACHED Normal Turnaround (TAT) RUSH Turnaround (TAT)					Notify ELI prior to RUSH sample submittal for additional charges and scheduling Comments:		Shipped by: Hand del Cooler ID(s)																																																																																																																																																																																																																								
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In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms & links.

Energy Laboratories Inc

Workorder Receipt Checklist



Sanitation Inc.

H07060169

Login completed by: Roxanne L. Tubbs

Date and Time Received: 6/18/2007 8:46 AM

Reviewed by: *RTB*

Received by: rlt

Reviewed Date: 6/19/07

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	4°C On Ice
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	Not Applicable ☐

Contact and Corrective Action Comments:

None

